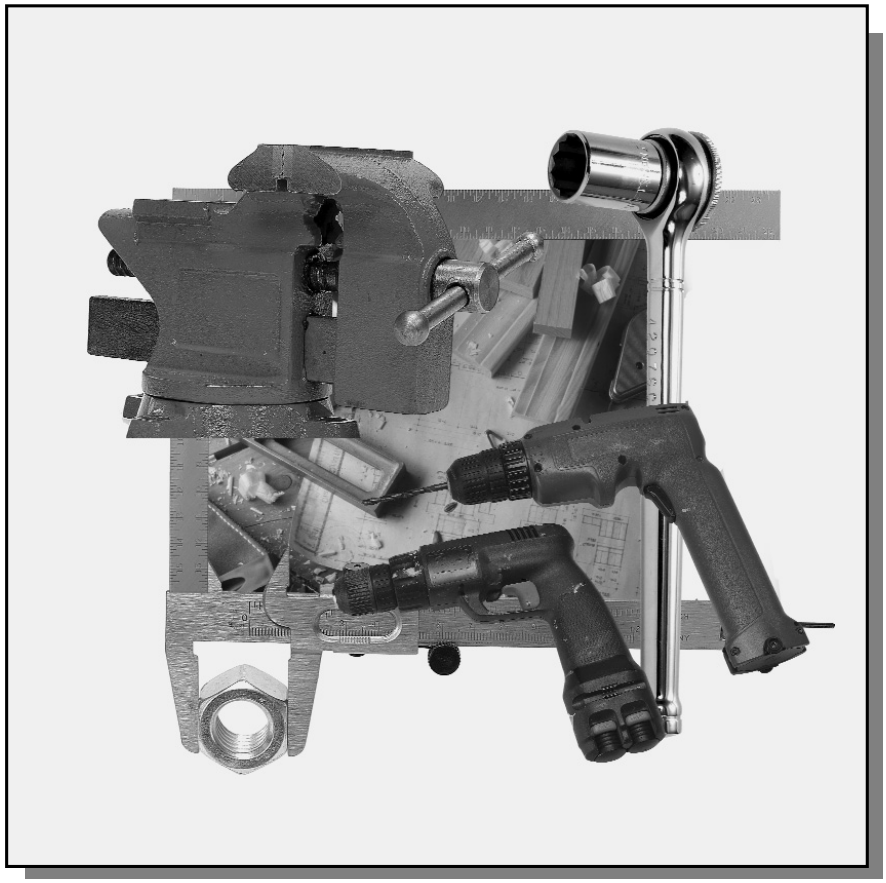
Character and Skills for Home and Careers

This chapter requires a companion activity book in which students respond to questions on text content. Answers are found in the *Teacher's Resource Kit*.



Chapter 3

PROFESSIONAL CREDITS

Character and Skills for Home and Careers

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CHAPTER 3
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Warning

Students under the age of 18 should not attempt projects described in this course without supervision by a competent adult.

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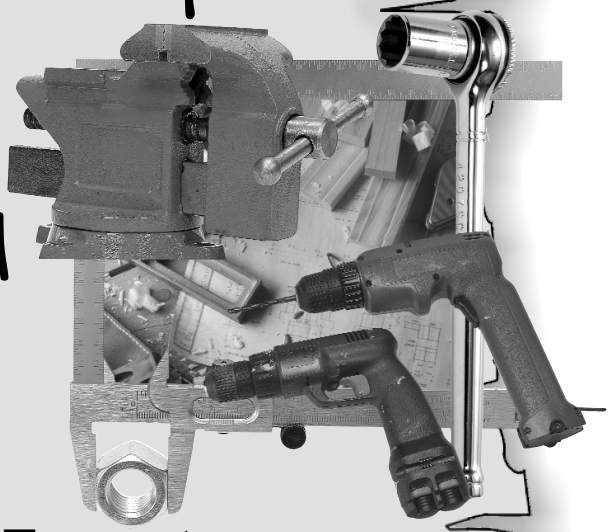

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"To be a success in any line of work requires courage, persistence, a willingness to pinch and go without many pleasures and pastimes while you are young and getting a good start in life."



—Lee De Forest



Lesson 1

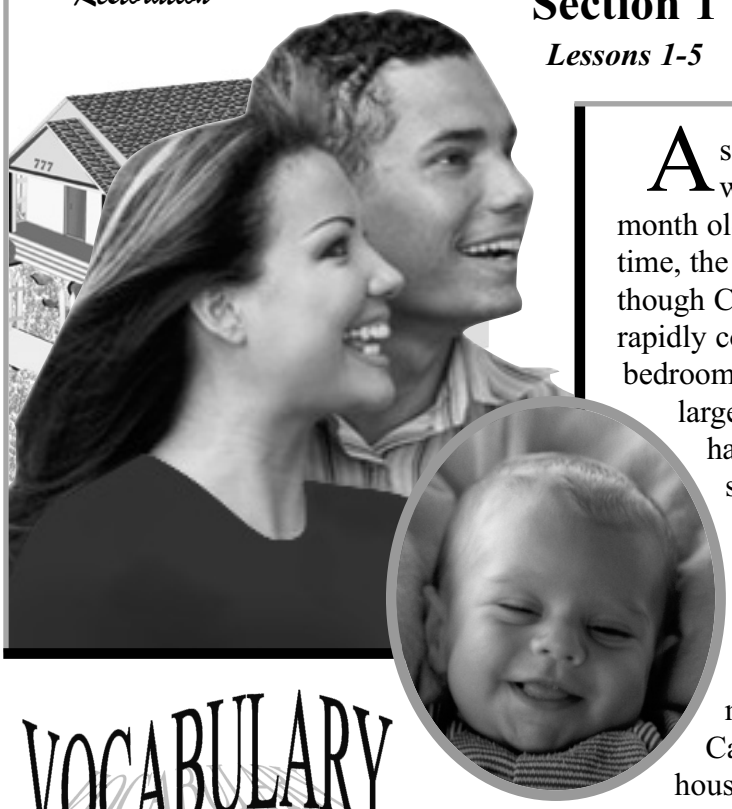
Chapter 3

THE FAMILY

Restoration

Section 1

Lessons 1-5



As a young married couple, Joni and Cody were struggling financially. With a three-month old baby and Cody attending college part-time, the family's finances were very tight, even though Cody held two jobs. Both parents were rapidly coming to the conclusion that their little, one bedroom apartment with a kitchenette would not be large enough as baby Jessica grew older. They had to find a larger residence that would not strain the family budget too much.

When Cody came home from his college classes, he first held Jessica and played with her while Joni fixed dinner. Then he sat down to enjoy an inexpensive but nutritious meal. During dinner Cody mentioned, "Do you remember Billy Carlson? Well, he is graduating and his little house will soon be up for sale. It's an older house with two bedrooms, but it would be an ideal starter house for us. Would you like to drive by there after dinner to take a look at it?"

Joni replied, "Sure, honey. I've been praying for several weeks that a house we could afford would become available for us to lease or purchase."

When they had finished dinner, Cody began washing the dishes while Joni fed the baby. After Jessica finished her meal, Joni packed the diaper bag with fresh diapers and Wet Wipes™. With this accomplished, they went out to their older model Chevy S-10 pickup, where they made sure that the baby's car seat was securely fastened in place. The Chevy was the only vehicle the Rileys owned, and served as transportation to and from school and work, back and forth to the store, for trips to church, and as a delivery car for the newspapers that Cody delivered each morning from 5:00 A.M. to 7:00 A.M. The early newspaper delivery schedule allowed Cody to take classes at the local college and to work for Mr. John Knotts at his cabinet shop during afternoons and on Saturday mornings. Naturally, this schedule left Cody tired most days, but he

VOCABULARY

Ladder-back chair: straight back chair of which the back is composed of flat, horizontal pieces of wood, giving a short ladder appearance

Calf roping: a timed rodeo competition in which a person on horseback ropes a calf, wrestles it to the ground, and ties its feet together

Steer wrestling: a timed rodeo competition in which a person jumps from a horse onto a steer's neck and wrestles it to the ground

Grubstake: provide money for a specific enterprise for a person who has few finances

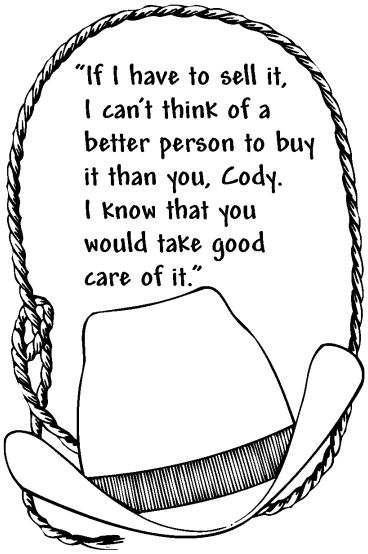
Modest: not large or fancy

needed to work as much as practical in order to support his family. He was a good mechanic and was able to keep the older pickup operating well by using mechanical skills he had learned from his dad.

Leaving the downtown area, where their apartment was located, Cody drove his little family to the very western edge of the city. He turned to the right on Avenue M and drove to the end of the street until they saw the *For Sale* sign in Billy's front yard. They knew it was Billy's house because he was in the front yard roping a sawhorse outfitted with a make-shift, wooden calf's head. Two of Billy's male house renters were also out front, roping the calf-head dummy. As Cody and Joni approached with the baby, Billy roped the dummy from some distance and announced to the other ropers that he had won the competition with the longest throw and the fewest misses. Cody and Billy shook hands, and Cody introduced Joni and baby Jessica. Billy tickled the baby and then turned to introduce the other calf ropers, but they had disappeared. Billy laughed and said, "I guess those guys are either sore losers or else they must be afraid of babies!"

Billy invited Cody and Joni up onto the front porch. Pointing to one of the ***ladder-back chairs***, he said, "Have a seat."

Taking a seat himself, Billy pushed back his cowboy hat and leaned the chair against the wall as far as he dared go without tipping over. He then began to tell Joni and Cody about his plans to move to the Cowboy Capitol of Texas where he wanted to try his hand at professional ***calf roping*** and ***steer wrestling***. "I'll need to sell the house. I hate to do it because my grandmother left it to me when she passed away, and it's been in our family ever since it was originally built in 1926, but the money from the sale of the house will '***grubstake***' my rodeo career." Billy continued, "If I have to sell it, I can't think of a better person to buy it than you, Cody. I know that you would take good care of it."



"Yes we would!" said Cody.

"Well, come on in, and let me show you the place," said Billy. "But right up front, I want to apologize, Joni, for our messiness and for anything that you might see that would be offensive to a lady."

Cody and Joni were impressed with the roominess of the ***modest*** two bedroom, one bath house which seemed like a mansion in comparison to their tiny, cramped apartment. When the tour of the inside was complete, Billy showed the four-stall horse barn and garage to the couple. Although both facilities were occupied with horses and discarded ranch objects, Cody recognized the possibility of turning one of the areas into a workshop.

As they drove home, Cody and Joni were excited about the place, but Cody also expressed some concern about all of the cleanup and repairs that would be needed. He said he would speak more with Billy to find out how much he wanted for the property and to determine exactly what would require repair.

"I know that with your skills you would have no problem getting that place into shape, honey," Joni commented. "You know that I'll do what I can to help, too. Just think about how wonderful it would be to have a place of our own for Jessica to grow up in!"

Cody could see that Joni was already imagining them as the proud new owners of the little house.

LIFE PRINCIPLE



"Love never asks how much must I do but how much can I do." —Frederick A. Agar



Lesson 2

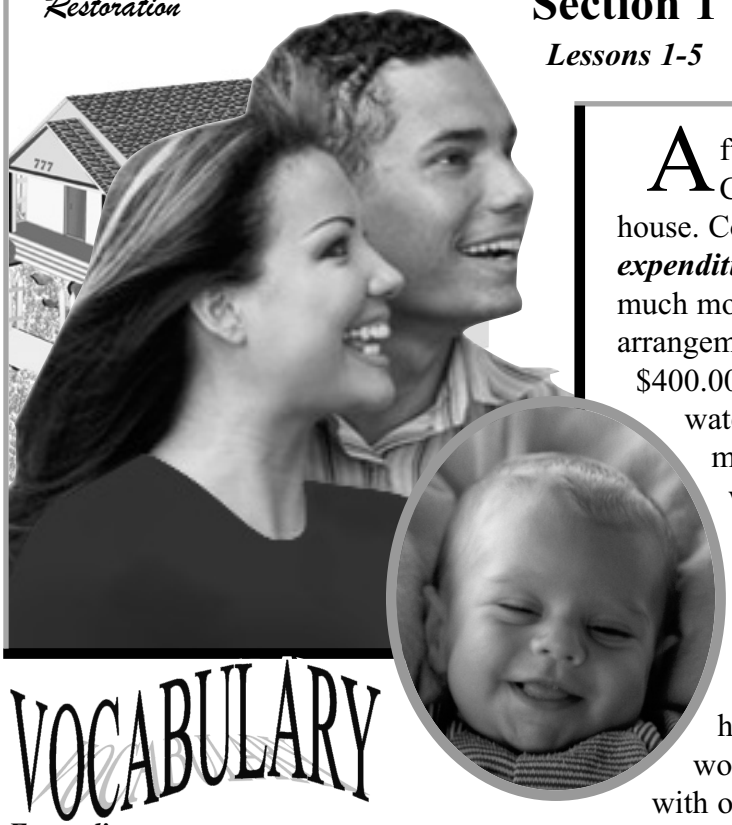
Chapter 3

Restoration

THE PRICE IS RIGHT

Section 1

Lessons 1-5



After tucking little Jessica into bed that night, Cody and Joni began to discuss Billy's house. Cody reviewed the couples monthly ***expenditures*** at the apartment to determine how much money they were spending in their present arrangement. The rent alone on the apartment was $400.00 per month, which included the gas and water. The electric bill averaged $290.00 per month; the other two ***associated*** expenses were the cable TV at $55.00 per month and the telephone bill which ran approximately $40.00 per month. Altogether, the Rileys were spending $785.00 per month to live in the small apartment.

Joni volunteered, "If we do move into the house, I could do without the cable TV. We would still need a phone for communication with our families in case of emergencies, but I could cut down the cost of the phone bill by making fewer long distance calls."

"I know that the ***prospect*** of getting a place of our own is exciting, Joni. I assure you that I'll contact Billy again to find out what he is asking for the house. Then we'll just have to sit down and calculate whether or not we can afford it," Cody said.

The next day at college, Cody again talked with Billy about the house. Billy informed Cody, "I want $24,000 for the house, including the one and one-half acre ***parcel*** of land that it sits on, which includes a good water well, a small pond, the horse stalls, and the one-car garage."

Cody questioned, "When will the house become available, and in what kind of condition is the property?"

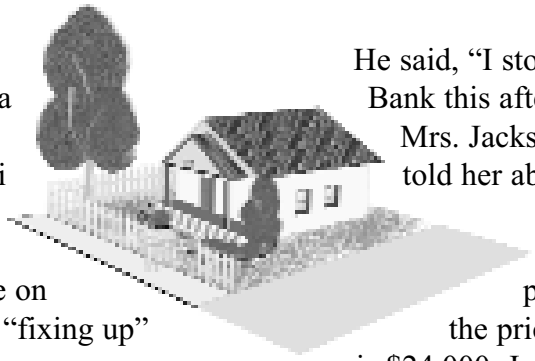
Billy replied, "The current ***term*** of college will be over in a month, as you know. That's when I plan to move out of the house. Of course, the guys and I will give the place a good cleaning first to make sure that it is left in good order for whoever buys it."

Cody believed the price quoted was more than fair, but he

VOCABULARY

Expenditures: expenses
Associated: connected or joined together
Prospect: likelihood, probability
Parcel: portion, plot or small area of land
Term: one of two divisions of a school year, a semester
Financing: the supply of funds or capital
Cottage: a small house in a rural area
Picket fence: a low-level fence made of flat, wooden stakes that are pointed at the top
Appraised: to evaluate for worth, especially in an official capacity

needed to check into the availability of ***financing*** and a monthly payment plan. He also wanted to make sure Joni was really serious about making the move and whether she was ready to take on the responsibility involved in "fixing up" an older home.



Joni had spent the day with little Jessica in their small apartment, dreaming about the open spaces and clear view from the ***cottage*** in the country. Her memory carried her back to the long front porch and the view from the yard. She could just picture herself strolling Jessica around the yard, smelling the newly planted flowers and looking over a ***picket fence*** toward the road. She was still daydreaming when Cody suddenly burst into the room, scaring Jessica and making her cry.

After everyone had settled down and the baby was soothed, Cody apologized for scaring Jessica and then explained why he was so excited. He said, "I stopped by Central State Bank this afternoon and talked with Mrs. Jackson, the loan officer. I told her about Billy's house and gave her a brief description of the property. I quoted her the price, which, by the way, is $24,000. Joni, Mrs. Jackson said that the price was right and if it was ***appraised*** at the sale price the bank could probably work out a loan agreement! Isn't that great news?"

"That is great news!" exclaimed Joni. "I've been daydreaming all afternoon about moving into that place."

Joni's eyes began to cloud with tears of happiness as she shared the details of her dream with Cody. They held each other close and then began to plan how they could finance the little house and make their dreams come true.

LIFE PRINCIPLE



"It's not hard to make decisions when you know what your values are."

—Roy Disney



Lesson 3

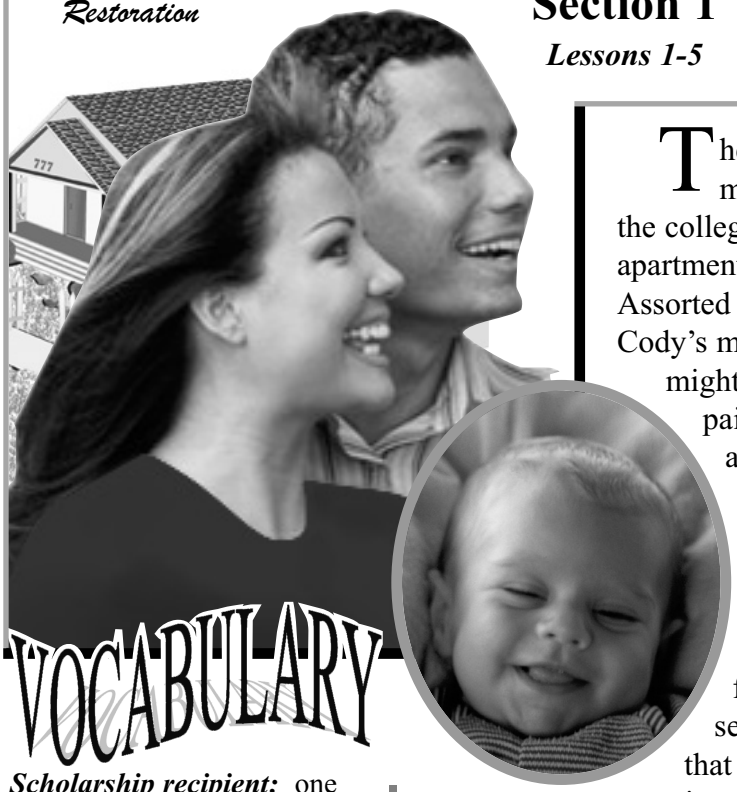
Chapter 3

GETTING THE GO AHEAD

Restoration

Section 1

Lessons 1-5



The next day when Cody stopped to get the mail in the mailbox, he found a letter from the college he was attending. Cody hurried into the apartment and opened the letter as Joni joined him. Assorted thoughts and speculations raced through Cody's mind. What could the letter contain? It might be a class schedule change, a bill to be paid on a fee that had been overlooked, or another course that was required for his degree. As Cody unfolded the letter and began to read it, his eyes widened. It informed him that he had been selected as a special needs ***scholarship recipient*** and that he would be receiving $4,000 of financial aid per semester for his remaining semesters of college. The letter explained that the college advisor, Mr. Knotts, had nominated Cody for the scholarship, and that after a review of Cody's ***academic*** achievements, the college had decided to award the scholarship.

Cody grabbed Joni at the waist and swung her around several times cheering at the top of his lungs. Jessica, who was in her infant seat, displayed a startled look on her tiny face and immediately began to cry, adding to the noise. Cody gathered Jessica in his arms and assured her that everything was alright. She soon stopped crying when she saw the big smiles on her parents' faces.

Excitedly, Cody explained to Joni, "This is an answer to prayer, honey! Now we will be able to use the $4,000 that I had in savings for next semester as a down payment on the house. That should assure we will qualify for a loan, and it may even help lower the monthly payments on the house!"

That night Joni dreamed about moving into the little house and about all the good times that she, Cody and Jessica were going to have there.

The next day, Cody again stopped by the bank and informed Mrs. Jackson that he and Joni had decided to purchase the house

VOCABULARY

Scholarship recipient: one who receives a grant of financial aid awarded for a special purpose
Academic: relating to scholarly performance
Negotiate: to bargain with another person for something other than the originally stated terms
Transition: transfer or passage from one situation to another
Annual plants: plants that bloom and produce seeds in one year
Flats: shallow trays designed to hold many smaller items
Wooden pallets: portable platforms of rough wood used for storing/moving packaged materials in warehouses, etc.

and to go ahead and start the paper work on it. Mrs. Jackson suggested that Cody offer Billy $20,000 for the property and then ***negotiate*** from that price since several thousands of dollars of repairs and rennovations would have to be made to the house.

After leaving the bank, Cody drove over to Billy's and found him out at the horse barn feeding the animals. Cody said, "Billy, I really want to buy this place of yours. Joni and I have been discussing it, and we are willing to give you $20,000 for it."

Billy laughingly responded, "Hey! I thought that I was the one who was supposed to be the horse trader. You know that I'm anxious to sell and that I'd like to see the two of you get this place. You drive a hard bargain, but I'll settle for $20,000, partner."

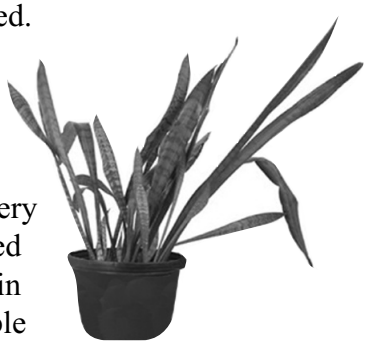
The two friends shook hands on the deal, and Billy informed Cody that Mrs. Jackson was also his banker, which would probably make the ***transition*** of the property even easier.

Cody called Mrs. Jackson to tell her that Billy had accepted the offer of $20,000, then drove home to tell Joni the good news.

Of course, Joni was elated with the prospect of moving and in the fact that she and Cody had saved a lot of money in the process. Cody told her that if everything went as planned, they could move into the house at the end of the current semester. Although that was still six weeks away, Cody and Joni knew the time would pass quickly.

Joni asked, "Do you think we could start making some small improvements around the place now?"

"I'm pretty sure Billy wouldn't have an objection to that, but I'll ask him about it tomorrow," Cody promised.



In preparation for the move, Joni decided she wanted to do a little landscaping. She went to the local garden and nursery supply store and purchased dozens of ***annual plants*** in four-inch square disposable containers. The plants had been placed in flats that held eighteen plants each. She took two ***flats*** to the apartment and began to fertilize and water the plants.

Cody started picking up discarded ***wooden pallets*** each week, but he did not tell Joni what he was going to do with them. He also started working with Billy and his housemates to clean out the garage. Cody's plan was to clean and prepare the garage for the tools and equipment that he had in storage. He hoped to earn some extra income throughout the summer by making some arts and crafts items from the pallets. Cody thought he could make some cutouts, and Joni could paint them. It seemed to be a good idea to earn extra money for minor improvements, and working together would help to strengthen the couple's relationship at the same time.

Life Principle



"Take calculated risks. That is quite different from being rash."

—General George S. Patton



Restoration

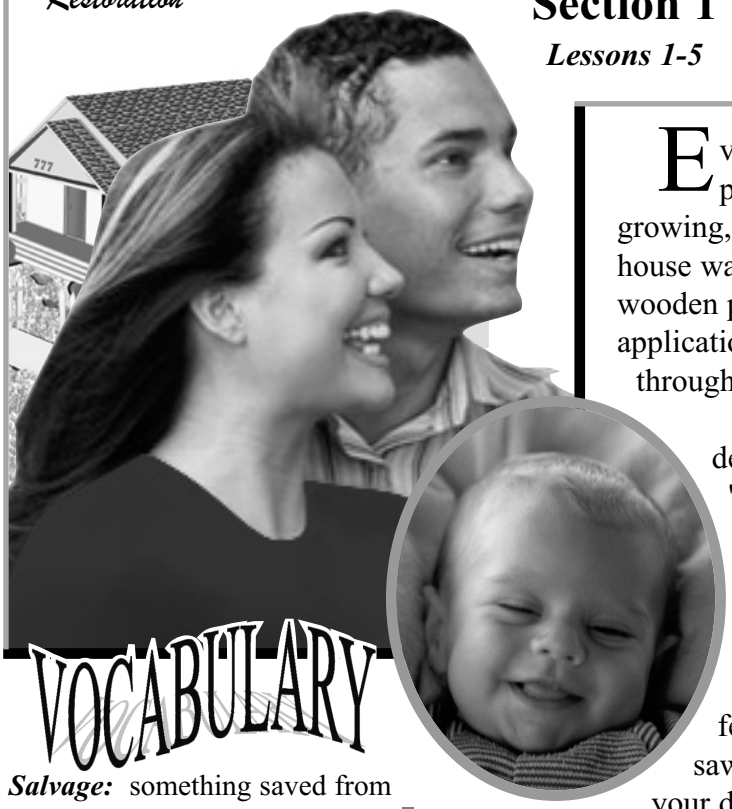
Lesson 4

Chapter 3

SAFETY FIRST

Section 1

Lessons 1-5



Everything was progressing along nicely. The plants that Joni had bought were healthy and growing, as was little Jessica. The garage at the new house was becoming cleaner, Cody's collection of wooden pallets was growing higher, and the loan application for the new house was moving smoothly through all the proper channels.

Cody called Joni aside one day, deciding it was time to let her in on the 'secret' of the wooden pallets.

He began, "I guess you've been wondering why I've been collecting all of these old pallets. Well, I'll let you in on my plan. I've decided we can use the wood to make some crafts to sell, plus a picket fence at very little cost to us. You said you saw a 'white picket fence' around the place in your dreams."

Joni smiled and said, "Cody, that's a wonderful idea. It will make the yard a safer place for Jessica to play, too!"

Cody proceeded with his plan and bought several eight-foot long, treated 2" x 4" boards and some treated, 8-foot long, 4" x 4" posts. He then tore the wooden pallets apart, to **salvage** as many rough, 1" x 4", three feet long pieces as possible for picket fence panels. Next, Cody found the center of the 1" x 4" boards by setting his ***combination square*** on $1\frac{3}{4}$ inches. After marking the center of several pickets, Cody then set the combination square at four inches and marked one end four inches down, connecting the lines to the center point.

Next, the two angle pieces were cut from each side, forming a point or picket. Each board was then measured to exactly three feet in length, using a 25 foot long measuring tape. After that, the end opposite the point was marked and cut square, forming a picket three feet long. Cody then laid out two 8' x 2" x 4" boards (called runners)



combination square

VOCABULARY

Salvage: something saved from destruction or waste and put to further use

Combination square: a tool for measuring 45^{o} and 90^{o} angles; combines the functions of a carpenter's square and a level

Depleted: used up; emptied out

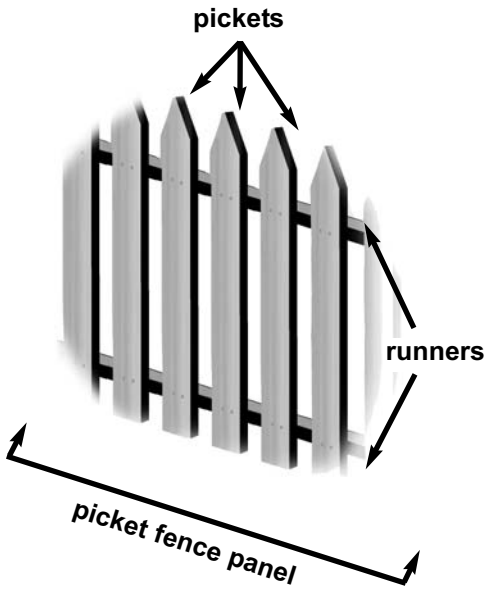
Survey stakes: driven into the ground by a *surveyor* who is hired to determine property boundary lines mathematically

Visualize: to form a mental image

Plot plan: a building or land plan drawn up in a flat plane

Ground-fault interrupters: electric outlets that automatically shut off when a person is shocked

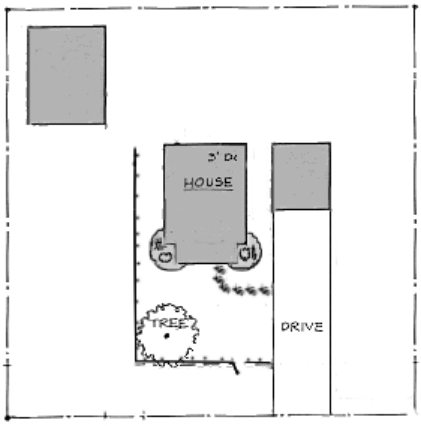
parallel, two feet apart, on the level garage floor. Cody found the center of the eight foot 2" x 4" at four feet and nailed a picket there. He then measured four inches from the center picket and placed another picket on each side of the center picket. This process was repeated until the entire eight foot section was completed.



Cody soon ***depleted*** his supply of pallets. He had only enough wood to complete eight, eight-foot long, fence sections. He calculated that he needed eighteen sections or 144 feet of fence to enclose a forty foot by sixty-four foot area of his front yard.

That afternoon, Cody picked up Joni and Jessica at the apartment, and drove over to their future property. Cody was able to find the front property line by locating the metal ***survey stakes*** that marked the dimensions of the property. He then ran some string toward the house and established the fence line for the picket fence. Joni was able to ***visualize*** the fence, and described to Cody just where she wanted to plant the flowers, as well as where she would like a curving walkway that would extend from the driveway to the front porch.

When the family returned home, Joni prepared a light dinner of steamed vegetables and baked fish. After dinner, Joni sat down and roughly sketched a picture of the little house with a picket fence and



plot plan

flowers. She showed her sketch to Jessica, who seemed pleased. Cody began drawing a ***plot plan***. He placed each item in it according to Joni's drawing.

The next day Cody, Joni, and Jessica returned to the property to begin a list of improvements they wanted to make to the house and to the surrounding yard area. Joni wanted to be sure that everything would be safe and secure when they eventually moved in. She knew from her child development classes at college that for children ages one to four, 37 percent of all deaths were caused by accidents. Joni and Cody also knew that a big part of parenting was to protect children and to educate them about how to protect themselves.

As Joni walked around the new house, she began to write down precautions:

*Install covers on electrical outlets
*Keep poisonous items under lock
*Keep sharp objects out of reach (i.e. pens, knives, scissors, etc.)
*Secure medicines
*Keep guns and ammunition in locked cabinet

*Keep fireplace screens in place
*Use unbreakable drinking glasses
*Eliminate paint that contains lead
*Make sure electrical outlets near water have ***ground-fault interrupters***
*Teach children to swim as early as possible
*Secure or cover water hazards
*Insulate all hot pipes
*Make sure all open-faced space heaters have safety shields
*Make sure that clothesline is strung out of reach of children
*Make sure gasoline and chemicals are stored out of the reach of children and are not stored in beverage containers that children would think were safe
*Rid the property of poisonous plants.

Additionally, Joni wanted Cody to:
*Check all electrical wiring for safety
*Install smoke and carbon dioxide detectors
*Install a fire extinguisher in the kitchen.
*Buy a first aid kit
*Test the water supply
*Install child-proof latches on the household cabinets and yard gates
*Organize and block off garage and work areas
*Fence off any other unsafe areas

"Wow!" Cody exclaimed, "I can see that your 'Honey-Do' list is very necessary, but making this a safe environment for us and for Jessica is going to take a lot of work!"

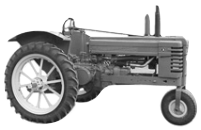
"Yes, it will!," agreed Joni. "But I'll help you every inch of the way. We can do a lot of work before Billy moves out and before we begin the packing and moving process."



LIFE PRINCIPLE

"Life is an exciting business and most exciting when it is lived for others."

—Helen Keller



Lesson 5

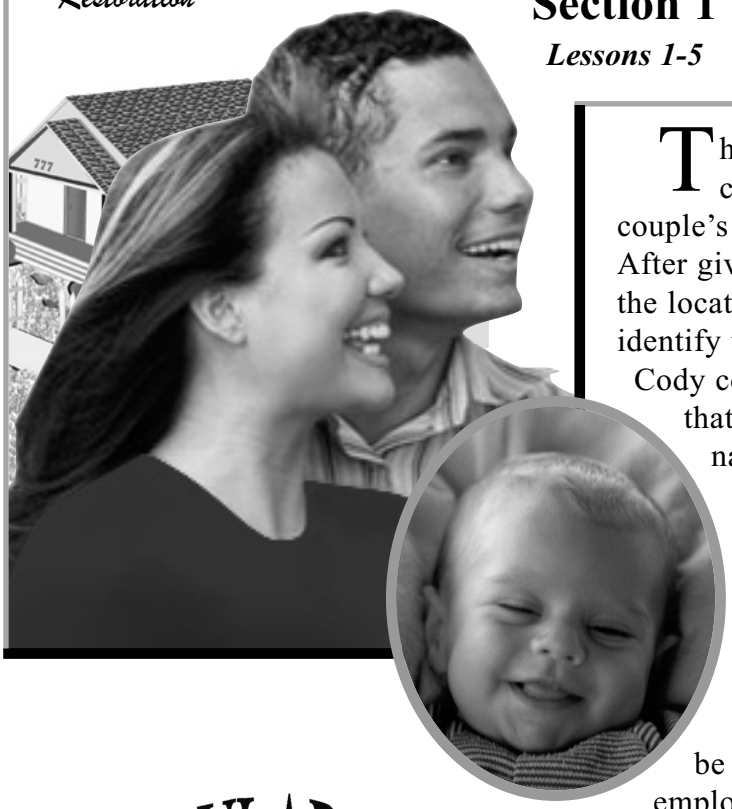
Chapter 3

CABINETS AND COWBOYS

Restoration

Section 1

Lessons 1-5



The next time Cody went to work at the cabinet shop, he told Mr. Knotts about the couple's plan to purchase the house and property. After giving his employer a brief description of the location of the house, Mr. Knotts was able to identify the property as the old Carlson place.

Cody confirmed that it was, indeed, the place that he had in mind, because Billy's last name was Carlson.

Mr. Knotts then asked, "Do you know whether the cabinetry in the house has been ***upgraded*** since it was built?"

"No, I don't think so. They appear to be the original cabinets, and they are in pretty bad shape," replied Cody.

Because Mr. Knotts knew Cody to be a man of integrity and purpose, his employer said, "I have quite a few cabinet doors that people ordered and then didn't pick up and some other doors that I used as patterns. You are more than welcome to have them to improve your little house."

Cody was excited about the possibility of using the cabinet doors. As soon as he got home from work, he hurried to tell Joni the good news.

"That sounds great! Now all you need to do is talk with Billy to see if he would allow us to measure the cabinets," said Joni.

Cody decided to call Billy immediately after dinner to get his permission to measure the cabinets.

When Billy heard Cody's request, he said, "Come on over as soon as you can. I'll be waiting for the three of you."

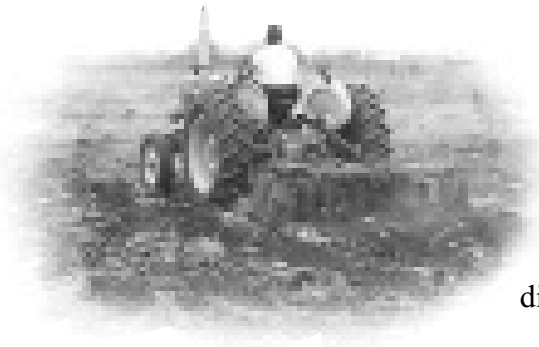
When Joni, Jessica, and Cody arrived at Billy's house, Billy was ***disking*** the roping pens with a tractor. When Joni saw the tractor, an idea immediately came to her.

She asked Billy, "Do you think that when you finish here in the roping pens that you could disk the front yard?" At first, Billy

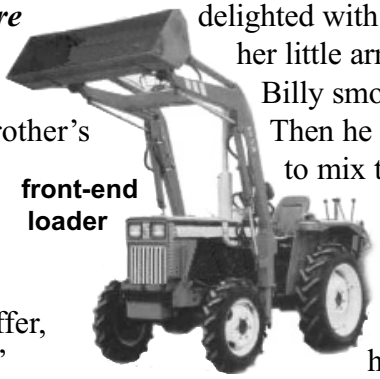
VOCABULARY

Upgraded: improved
Disking: chopping hardened soil with a metal, dish-shaped tractor attachment
Manure: solid animal excrement often mixed with hay, and straw; fertilizer
Front-end loader: a machine equipped with a large scooping device (bucket) on the front
Initially: in the first place; at the beginning
Nutrients: substances that promote growth in plants
Friable: loose, mellow soil ideal for plant growth

looked at Joni as if she had lost her mind; then a big grin spread across his face as he began to realize her reason for such a request. Billy remembered Joni speaking of her desire for a green, grassy yard with flower beds.



Now it was Billy's turn to surprise everyone. "Why don't I put the ***manure*** from the horse stalls on the front yard and disk it into the soil? I'm in the process of moving the horses to my brother's ranch, and I'll be cleaning out the horse stalls anyway. I could use the ***front-end loader*** to move the manure and to spread it."



front-end loader

Joni replied, "That's a sweet offer, Billy. I do have one question, though."

"What's that?" inquired Billy.

"Won't it make the front yard stink?"

Billy explained, "The manure would be mixed into the soil by disking. You would probably notice a slight odor ***initially***, but it would soon disappear; and the extra ***nutrients*** in the manure would certainly be beneficial to plant growth."

Joni and Cody looked at one another and then said in unison, "Go for it!"

Billy gave a cowboy yelp and hopped onto the tractor. "I'm raring to go! You can measure the cabinets in the house while I start disking the front yard."

Joni and little Jessica sat on the front porch as Billy made trip after trip with loads of manure. Jessica seemed delighted with all the action as she moved her little arms and legs excitedly while Billy smoothed the manure level. Then he reattached a disk and began to mix the manure into the soil. When Billy was finished, the yard was composed of smooth, ***friable*** soil.

In the meantime, Cody had been busy measuring the cabinets. He discovered that all the top and bottom cabinet doors were of uniform size, as were the drawers. Cody and Joni thanked Billy for his help and cooperation. As the Rileys left the house, they knew they still had a lot of hard work to do, but plans for their dream house were progressing nicely.

LIFE PRINCIPLE



"He who would eat the fruit must climb the tree."

—Scottish Proverb



Lesson 6

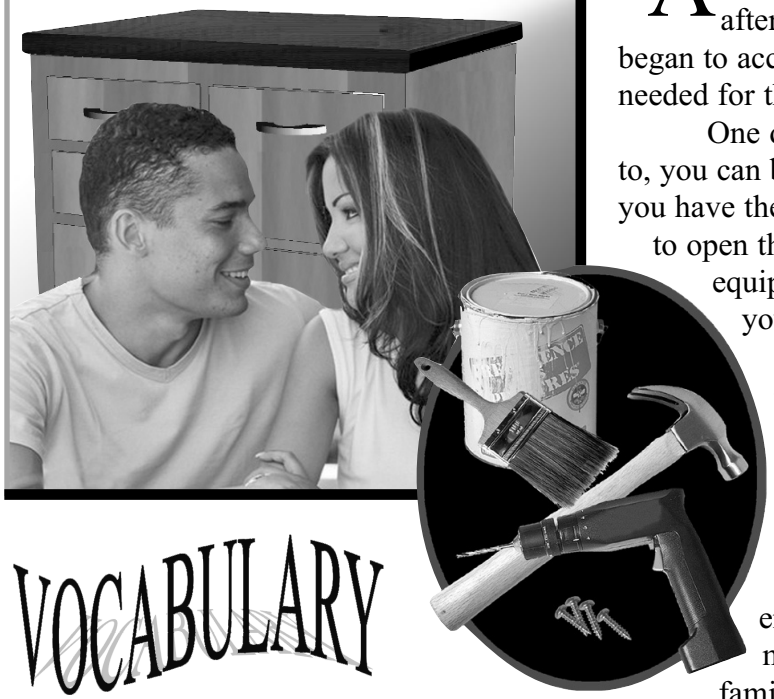
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GETTING IT TOGETHER



As Cody continued to work during the afternoons at Mr. Knotts' cabinet shop, he began to accumulate the cabinet doors that he needed for the house. His excitement was mounting.

One day Mr. Knotts said, "Cody, if you want to, you can buy some nice hinges from me. I'll let you have them at my cost. Also, Son, I'll be happy to open the shop this Saturday so you can use the equipment to make the drawer fronts for your cabinets."

"Thanks, Mr. Knotts," was Cody's appreciative response. He added, "Do you think I could stain and varnish the cabinet *doors*, *drawer fronts*, and *facings* some evening next week or the following Saturday?"

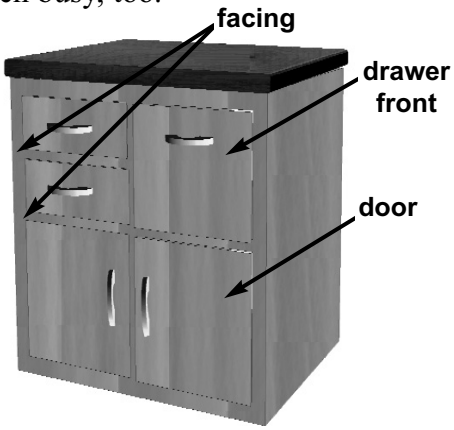
Mr. Knotts laughed at Cody's enthusiasm and replied, "Sure. In fact, my wife and I could meet you and your family here at noon next Saturday, and we'll have a picnic out behind the shop. Then you can go right to work after that."

"That sounds great, Mr. Knotts," Cody responded.

The two men decided to ask their wives to select the various foods for the picnic. Cody left the shop feeling very well satisfied.

In the meantime, Joni had been busy, too. She was learning that caring for a husband, a baby and a house was nearly a full time job, when done properly.

Joni's plants had continued to grow, and soon they would be strong enough to make the new front yard look nice. Joni also was beginning to collect some necessary safety items. She purchased four smoke detectors,



VOCABULARY

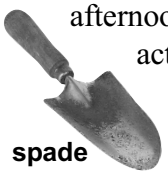
Motion detector: device that detects motion and activates a switch causing a light to come on
Security: measures adopted to prevent a crime such as burglary or assault
Preassembling: putting together parts before the final assembly
Oil-base: substance is derived from oil, requires an oil solvent (such as acetone, paint thinner, turpentine) for clean up
Respective: particular, separate, each person to his own (family etc.)
Leisure: time free from usual responsibilities or activities
Tamping: to pack down tightly by a succession of blows or taps

one for the kitchen, one for the living room, and one for each of the bedrooms. On one of her trips to town, Joni also purchased some plug-in protective covers for the electrical outlets and a fire extinguisher for the kitchen.

Cody accepted Joni's suggestion to buy child-proof latches for the new cabinets. He also purchased three outdoor ***motion detector*** flood lights. Cody had not discussed with Joni the issue of the new house not having nearby neighbors. The Rileys would certainly enjoy their privacy, but they might also need to improve the lighting and ***security*** of the house.

On Saturday, Cody finished his work assignments for Mr. Knotts. Then Cody inserted his time card in the time clock to "punch out" of work so he would not charge his employer for personal work. He then set up the saws and molders to cut and shape the cabinet fronts. Cody chose to use red oak for the wood, because it would best match the cabinet doors. Mr. Knotts laid out and cut cabinet frames according to Cody's measurements.

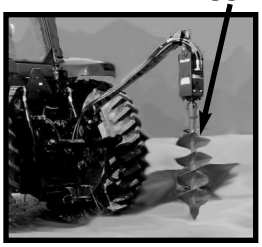
Cody and Mr. Knotts finished ***preassembling*** the cabinet fronts and doors. Mr. Knotts suggested staining the units so that they would be dry and ready for the finish on the next Saturday afternoon. Cody chose a medium-oak ***oil-base*** stain and applied it by brush. He then wiped off most of the stain, using a clean, soft cloth. When the staining was complete, Cody and Mr. Knotts went home to their ***respective*** families for an afternoon of ***leisure*** activities.


spade



By the time Cody arrived home, Joni had separated her plants and repotted them, using some of the soil from the front yard of the house. She had already eaten lunch, but she had a sandwich and a glass of cold lemonade waiting for her husband. He settled into a chair to eat and to watch the afternoon news on television while Joni fed the baby.

After a short time, Cody and Joni decided to drive to Billy's house. Cody wanted to work on more picket fence panels. Billy was home, and he demonstrated to Jessica how to rope a calf dummy. This entertained her for a few minutes before Cody and Billy put together panels for the front yard fence. When enough panels were assembled, Billy asked, "Do you want to put up the fence today?"


post hole digger

Cody looked puzzled, but Billy explained, "I have a post hole digger that mounts on the tractor. It can sure make quick work of fence installation."

"Well, then, let's get after it!" Cody said, with an appreciative smile.

Billy attached the post hole digger to the tractor while Cody unloaded the string and stakes from the pick-up truck. Cody stretched the string across the front of the property and marked off where the holes needed to be dug. Then Billy started the tractor, and with Cody directing, began drilling the holes.

Cody reset the strings on each side of the house and marked the locations where holes needed to be dug. Soon, Billy was ready to drill. Before long, all the holes were made. Billy and Cody then set each post in its proper hole and filled in around the posts with soil, ***tamping*** the fill dirt and making sure the posts were level, using a carpenter's level provided by Billy.

The sun set as the last post was set in place. Cody and Billy were disappointed that they ran out of time to get the fence panels installed, but Joni smiled and reminded them, "There's always another weekend, guys!"

LIFE PRINCIPLE



"If people aren't responsible in their personal life, there is a good chance they are also irresponsible at work."

—Stephen F. Arterburn



Lesson 7

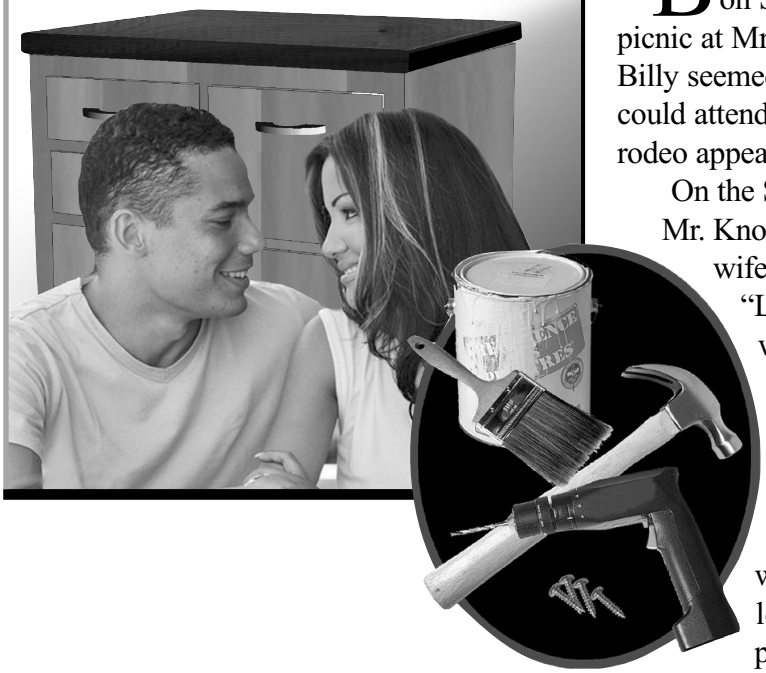
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GOOD TIMES



Billy had been invited by Cody to attend church on Sunday. Billy had also been invited to the picnic at Mr. Knotts' shop on the following Saturday. Billy seemed pleased to be included and said that he could attend both events because he had not scheduled rodeo appearances for either of those weekends.

On the Saturday of the picnic, everyone arrived at Mr. Knotts' cabinet shop where Mr. Knotts and his wife were waiting. Mr. Knotts suggested, "Let's go ahead and spray the cabinet facings while the ladies set out the food. The first coat can be drying while we eat."

Mr. Knotts hooked up the sprayer while Cody and Billy opened some s***emi-gloss lacquer***. The cabinet facings were laid out on a long table. Cody put on a filter mask and sprayed a coat of lacquer on the cabinet facings. This process was accomplished very quickly by using an ***air compressor*** and spray gun.

portable air compressor





The men then went out behind the shop where a picnic table, covered with a tablecloth awaited them. The grilled chicken, sandwiches, chips, dips, vegetable plate, deviled eggs and fruit desserts all looked delicious. Mr. Knotts offered thanks for the food and expressed appreciation for being able to have a good time with friends.

After everyone had eaten and visited for a while, the men went back into the shop. The lacquer was dry and the wood was ready for a second coat. The men again sprayed the cabinet fronts, cleaned the spray gun, and closed the shop.

Billy turned to Mr. Knotts and asked, "How would you like to come over to my place and see how things out there are progressing?"

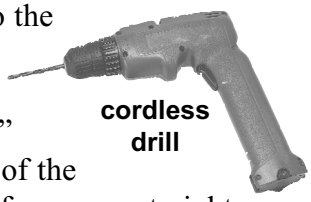
VOCABULARY

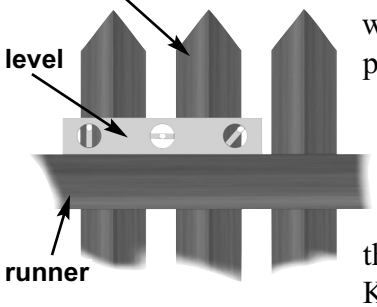
Semi-gloss lacquer: a type of oil-based varnish that is not overly shiny and dries quickly
Air Compressor: a tank for compressing/pressurizing air for operating power tools
Goat-tying: a timed, female competitor's rodeo sport much like a male competitor's calf-roping event
Surrogate: someone put in place of another; a substitute

"I would really like to see where these cabinets doors are going to be hung," replied Mr. Knotts.

The group arrived at Billy's house to find five goats standing on the front porch! Billy explained, "Some of the cowgirls in the rodeo club use these critters for ***goat-tying*** competition. They are normally kept in one of the horse stalls, but someone must have left the gate open. I'll need help steering them back into the pen."

After the goats were corralled, the men began to carry out the picket fence panels and screw them to the posts, using Billy's cordless drill. A level was placed on the 2" x 4" runners on the back side of the pickets to make sure the fence was straight. With the three men working together on the fence, all the panels were soon in place.


cordless drill

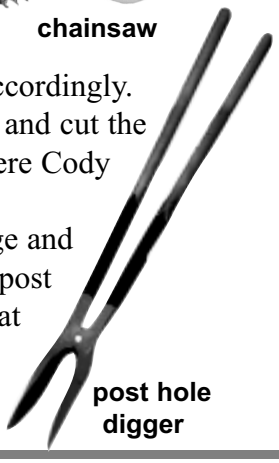


The only remaining project was to install gates in the fence. Mr. Knotts solved that problem by bringing out a chainsaw from the bed of his pick-up.

He asked Cody to mark the 2" x 4" runners where the gates were to be hung. Cody marked the fence accordingly. Mr. Knotts started the chainsaw and cut the panels at the three locations where Cody wanted to install gates.


chainsaw

Billy went into the garage and brought out a pair of hand-held post hole diggers. He dug two holes at each gate opening and placed a post in each, filled the holes with soil, and then tamped the soil around the posts so they would be sturdy enough to support the gates.


post hole digger


strap hinge

Mr. Knotts said, "Cody, I have some extra strap hinges at the cabinet shop. They are yours if you want them for the gates. If you will buy some white paint, you can also use my portable air compressor and spray gun to paint the fence."

Cody replied, "Great! I'll pick up the compressor, spray gun, and hinges tomorrow after work. I'd better let Joni choose the color, though."

The three men laughed and said they understood. They stood back and admired their handiwork. Cody said, "Thank you both for all of your help and support."

Billy laughed and commented, "You'd better stop fixing up the place, or I might just back out of selling it!"

After saying their goodbyes to Billy and Mr. and Mrs. Knotts, Cody and Joni discussed how thankful they were for their friends. Cody's parents lived in another state and did not visit often. Joni's parents had been killed in a car accident when she was only fourteen. To the young couple, the Knotts were rapidly beginning to feel like ***surrogate*** parents, and Joni and Cody were very thankful to have the advice and support of the older couple.

LIFE PRINCIPLE



"Do something for somebody every day for which you do not get paid."

—Anonymous



Lesson 8

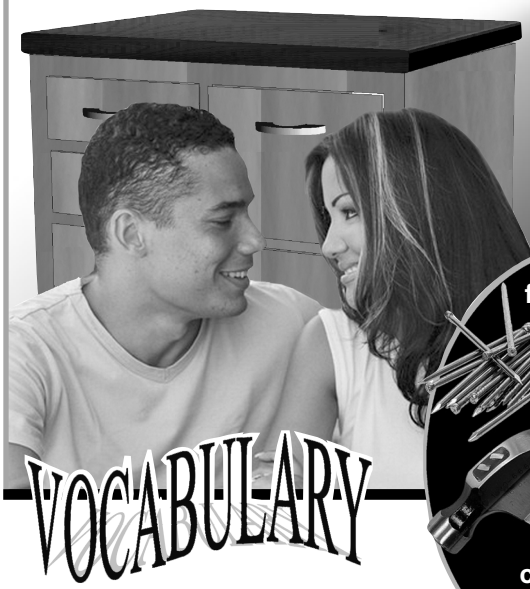
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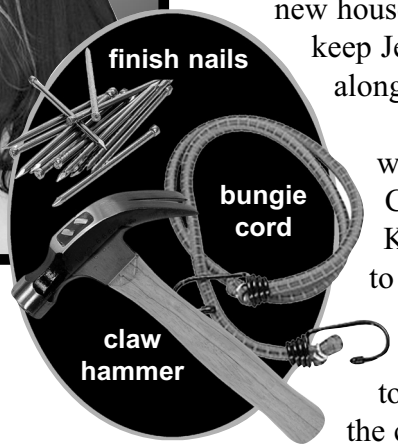
Lessons 6-10

DRESSING UP



As Cody and Joni discussed the ***renovations*** being done at the house, Joni said she wanted to be more involved. She and Cody decided to work on the place the next evening. Cody asked Mr. Knotts if he had anything planned for that evening. He winked at Cody and said, "I think we can find time to install the cabinet facings at your new house. Mrs. Knotts has volunteered to keep Jessica, since the two of them got along so well together last Saturday."

This finalized the plan for a work evening beginning at 6:00 P.M. Cody and Joni left Jessica with Mrs. Knotts, then went to the cabinet shop to pick up the facings and door fronts. Cody placed cardboard on the truck bed and between each cabinet facing to prevent scratches. Next, he secured the cabinet facings using some rubber bungie tie-downs. Cody picked up the extra drawer ***pulls*** and hinges, including those for the yard gates. He also counted out finish nails and phillips-head screws to complete the gate project. Finally, he filled out an invoice for the screws and nails, then packed the electric drill which Mr. Knotts had offered for Cody's use.





phillips-head screw

After everything was loaded, Joni and Cody drove to their new home. Upon arrival, they found Billy out at the horse barns tending to the ***colts***. Cody said, "If it's okay with you, Joni and I would like to work on the kitchen cabinets."

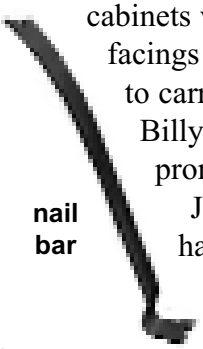
"Make yourselves at home," said Billy. He added, "I'll help you bring in the new cabinet facings as soon as I finish feeding the colts."

Joni and Cody were surprised to find the house empty and clean when they entered. The old cabinets were also emptied of all

VOCABULARY

Renovations: major changes that improve the quality of a building
Pulls: handles installed on doors and drawers that allow them to be opened easily
Colts: male or female horses under one year of age
Nail bar: a steel bar with a bend at one end and a slot for getting under nail heads; the other end is flat and sharpened to an edge
Pre-drilled holes: holes drilled previously in a material
Trim: decorative, narrow boards that add beauty to house interiors
Irony: words that express the opposite of the literal meaning of a thing, usually meant to be humorous or sarcastic

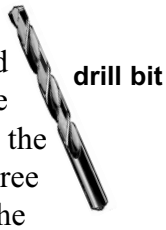
the dishes, pots, pans, and silverware. This enabled Joni and Cody to remove the front cabinet panels and doors without disturbing anything. Using a ***nail bar*** and a 16 oz. claw hammer, Cody removed the fronts of the cabinets with ease. The new cabinet facings were untied and made ready to carry into the house. Just then, Billy arrived to help as he had promised.



Joni commented, "You sure have been busy, Billy. This place is really cleaned out!" Billy replied, "I've been taking most of the things I want to store for a while out to my uncle's ranch."



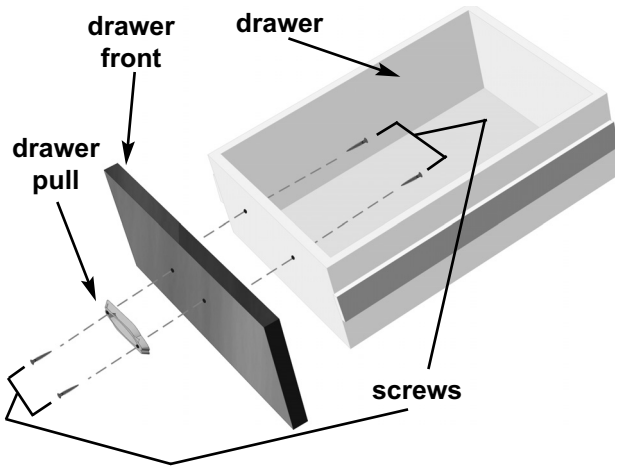




The guys held the cabinet fronts in place, while Joni nailed them securely through the ***pre-drilled holes*** made with an electric drill. All that remained to be done was to install the new drawer fronts. These were screwed into the drawers through the inside of the front of the drawers. When the installations were complete, the three workers stood back and admired the difference that the new cabinetry made in the appearance of the kitchen.

Cody said he would need to get some ***trim*** boards made at Mr. Knotts' shop to finalize the cabinets. He then took the measurements while Joni and Billy marked and drilled the holes for the cabinet handles and drawer pulls.





Mr. Knotts had shown Cody how to make a template out of stiff paper so that each handle was placed in the same position on each drawer and door. Cody helped finish this job, and then everyone moved outside to start working on the gate hinges.

Billy held the gates in position and leveled them while Cody and Joni installed the strap hinges, using the cordless drill and a screw-driver bit. The three gates then hung evenly and swung in one direction only. Cody said that he had a plan to make the gates both goat and kid-proof. Everyone laughed at the ***irony*** of that statement.

LIFE PRINCIPLE

"Genius produces great ideas and concepts. Hard work produces results."

—Thomas Edison



Lesson 9

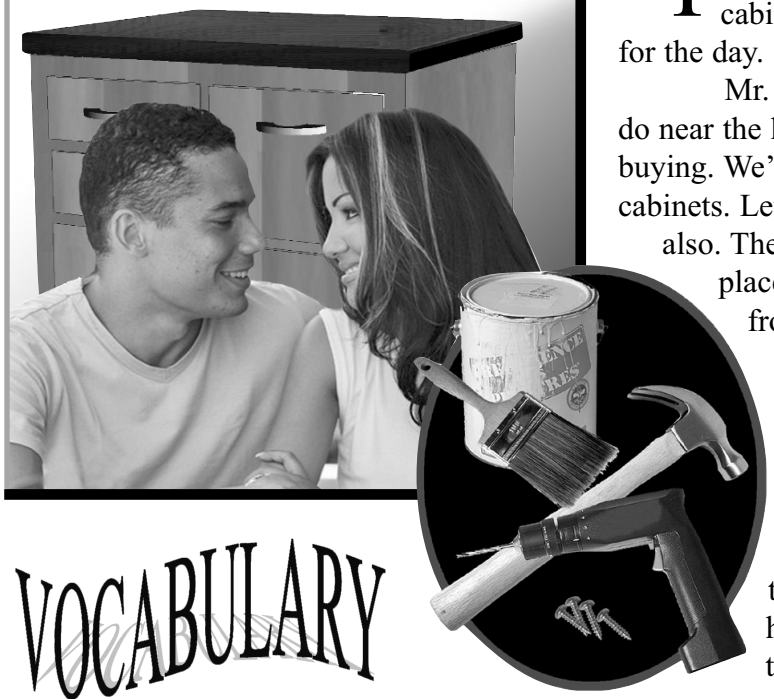
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PAINTING THE TOWN



The next afternoon Cody went to Mr. Knotts' cabinet shop to check on the work situation for the day.

Mr. Knotts said, "We have one small job to do near the house that you're in the process of buying. We'll need to load up the customer's new cabinets. Let's load the portable air compressor, also. Then, if we have time, we can go by Billy's place and use the compressor to spray the front yard fence."

"Thanks, boss," said Cody with appreciation. Before he left the shop, Cody loaded the paint for the new fence from the back of his pick-up.

After finishing the job for Mr. Knotts' customer, the two men traveled to Billy's house where they unloaded the truck and set up the spray equipment.



paint strainer

Mr. Knotts advised Cody, "Mix the paint and test its ***viscosity*** with the ***viscosimeter*** to determine if it needs to be thinned. You'll also need to strain the paint through a paper strainer to remove any lumps."



Mr. Knotts held the spray gun 6-8 inches away from the picket fence and pressed the spray trigger. Next, he moved the spray gun left-to-right at a slow, continuous pace, overshooting the edges so as not to leave a stop mark. He made sure that the gun was held in a ***vertical*** position and was moved in a line parallel to the painted surface.

Mr. Knotts gave Cody the following application instructions: "The

VOCABULARY

Viscosity: the consistency or thickness of a liquid
Viscosimeter: a device used to measure the thickness of paint
Vertical: upright; at a right angle from a base line
Overlap: part which extends over or past and covers a part of something already there
Lap: the distance covered; a segment of a larger unit
Spray drift: excess paint that extends beyond the intended area
Coveralls: a one-piece outer garment worn by painters and other workers to protect clothing

overlap of spray should be about 50 % of each previous ***lap*** on the surface. The trigger of the spray gun should be pulled just after the stroke begins and should be released just before the stroke ends; otherwise, the pattern may be heavy at the beginning and end of each stroke. Edges and corners should be sprayed before spraying flat surfaces. Inside corners should be sprayed by making strokes over each face of the corner surface separately."

Cody had seen Mr. Knotts perform that task many times. He wasn't too sure about doing it himself, but he was willing to give it his best attempt. He was glad that he would be practicing on material that would be for his own use rather than on a project for one of Mr. Knotts' customers.

Cody got plenty of practice using the spray gun because of all the edges and angles on the pickets. This ended up being a slow job; Cody also had more than his fill of bending and stooping as the fence was painted. Using the spray gun proved to be the ideal way of painting the fence because of the various edges. The fence was in an open area; therefore, the ***spray drift*** did not get on anything but the ground (and on Cody when the wind changed directions). To prevent inhaling the paint spray, Cody wore a protective filter mask over his mouth and nose. However; he realized he should have also worn white ***coveralls***!

Work on the fence was completed just as the sun set. Cody and Mr. Knotts still had to clean and disassemble the spray gun, load the compressor, and go to the shop to unload the equipment.

Cody called Joni on Mr. Knotts' cell phone and told her that he would be late getting home. He suggested, "Why don't you go ahead and eat, give Jessica her bath, and put her to bed? I will eat when I get home."

"Okay.," Joni replied.

Cody joked, "You'd better have plenty of hot water and soap to help me get clean. I am covered with paint!"

"That's alright, Cody. I'll be happy to take care of my other baby, too, "Joni laughed.



LIFE PRINCIPLE

"You must attempt tasks you think you cannot do."

—Ron Johnson



Lesson 10

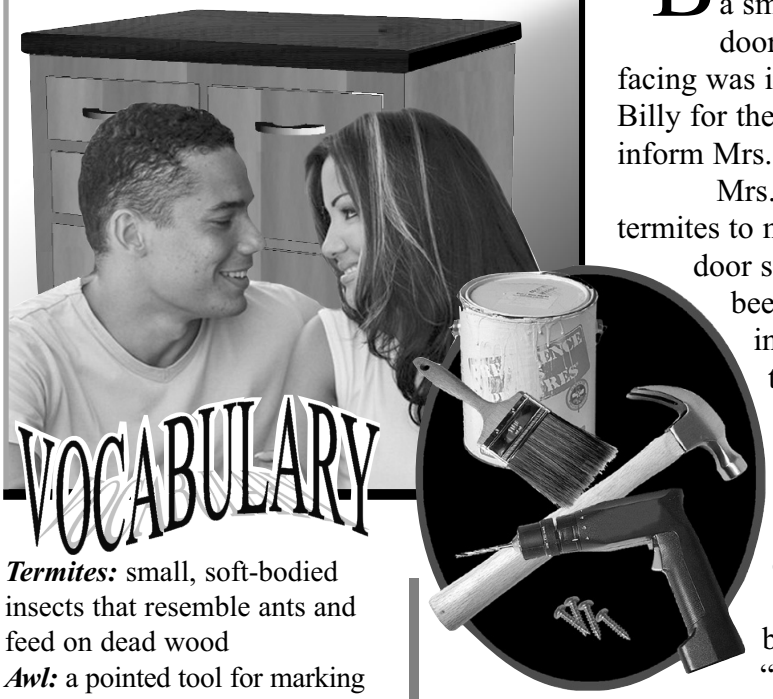
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GNAWING PROBLEMS

Section 2

Lessons 6-10



VOCABULARY

Termites: small, soft-bodied insects that resemble ants and feed on dead wood
Awl: a pointed tool for marking surfaces or for making small holes
Jamb: (jam) an upright surface forming the side of a door or window opening
Paint stripper: a chemical that causes paint to break down, making it easy to remove
Steel wool: a material made of fine strands of steel, used to remove paint or smooth material
Mortise: a rectangular cavity cut into a piece of wood into which an item fits, such as where a hinge attaches to a door jamb
Bevel: the slant of incline of 2 lines forming other than a 90º angle
Dado: (dā-dō) a type of groove that strengthens a joint; or to set into a groove

Billy called Cody early one morning to report a small pile of sawdust next to the front door facing. Billy suspected that the door facing was infested with ***termites***. Cody thanked Billy for the information and told him that he would inform Mrs. Jackson at the bank.

Mrs. Jackson told Cody, "It sure sounds like termites to me, Cody. You and Billy can tear out the door sill to determine how much damage has been done. Of course, a certified termite inspector will have to check the house for termite activity before the loan on the house can be approved. You could save yourself some money if you treat and exterminate all of the termites that you can locate before the exterminator comes out to inspect the house."

Cody asked, "Will the inspection be very expensive?"

"Not really," Mrs. Jackson said. "It will run about $50.00, and any infestation in the house will have to be eliminated. That could be expensive."

Mrs. Jackson suggested that eliminating the termites before the inspection would help close the loan application quicker, and that Billy and Cody could probably do the extermination and repair more economically than a commercial contractor.

Cody called Billy and told him all that Mrs. Jackson had suggested. Cody asked, "Could we meet at the house this afternoon to evaluate the extent of the problem?"

Billy readily agreed to the idea, and later that afternoon the two met at the house. They immediately began to look for termite damage. Billy used an ***awl*** to probe the wood. They discovered that the outside door facing, the door ***jamb***, and three boards on the front porch would require replacement. Cody and Billy next went around the house looking for more signs of termite damage. They inspected all the rooms and closets. Inspecting the attic required going in through a ceiling crawl space and using a flashlight. The men also crawled under the house, using a

flashlight to illuminate their way. To their relief, they found no more evidence of termite damage, but they did find several places where rats and mice had left droppings as well as some openings where the rodents and insects probably had entered the house. The men further observed some roaches in the dark crevices of the kitchen and bathroom.

The two fellows decided that they would correct the termite damage first. Billy agreed to pay for all of the building materials and pesticides. Cody was willing to do the repair work, but he asked Billy what was to be done about the front door. Billy said that he would just buy a complete front door unit which would include the door, frame, and threshold.

Cody said, "You know, Joni really likes the front door. I'm sure that she'd want to keep it." This meant that Cody would need to build a new door frame and refinish the old door, placing it in the new door frame.

Cody and Billy took the door off its hinges and loaded it into Cody's pick-up. They then removed the door jamb and trim. Next, Cody measured the opening so that he could make a new door jamb. Billy and Cody temporarily closed in the entrance with a sheet of old plywood from the barn.

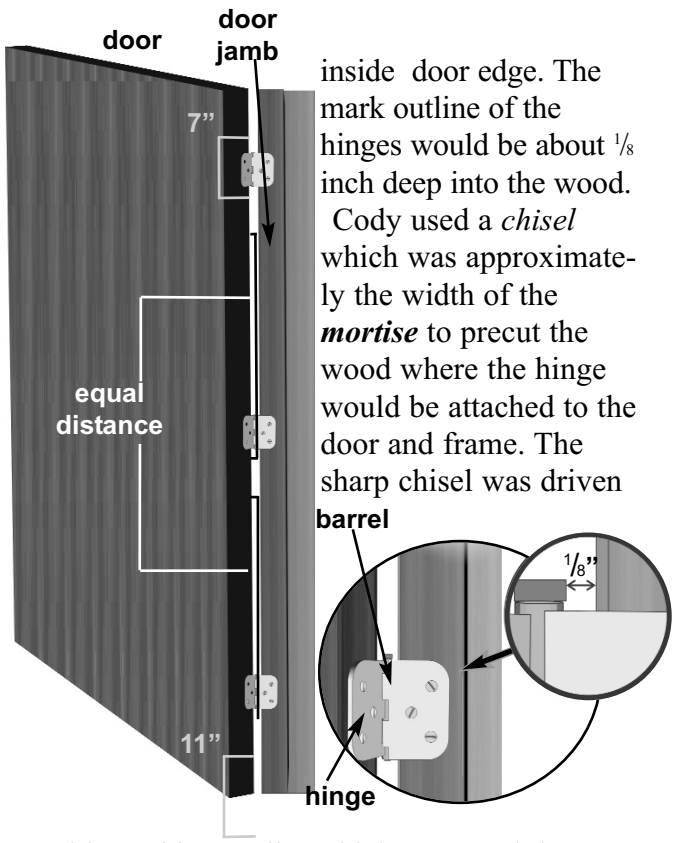
The two men drove to Mr. Knotts' shop where they unloaded the door. Billy began using some ***paint stripper*** and ***steel wool*** to remove the old paint. Meanwhile, Cody began measuring and building a door jamb out of pine lumber that Mr. Knotts had on hand at the cabinet shop.





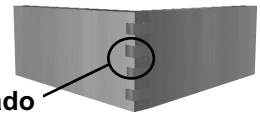
steel wool

Cody measured the inside of the door jamb and placed the top hinge seven inches from the top edge of the door. He placed the bottom hinge eleven inches from the bottom edge of the door. A third hinge was placed an equal distance between the other two. The *barrel* of each hinge would be marked about ⅛ inch outside the face surface of the door on the inside door edge. The mark outline of the hinges would be about ⅛ inch deep into the wood.



Cody used a *chisel* which was approximately the width of the ***mortise*** to precut the wood where the hinge would be attached to the door and frame. The sharp chisel was driven with a rubber mallet which protected the chisel handle.

Cody made a series of small cuts across the mortise outline with the ***bevel*** of the chisel blade pointing down. With the chisel bevel pointing up, he then dug out the small chips of wood.



Next, Cody assembled the door jamb with the head jamb going into the ***dado*** in the side jambs. He fastened the unit together with 6d nails. The door was then stained a medium oak color to match the new cabinets.

About noon, Billy and Cody went to the Riley's apartment where they ate a quick lunch. After the men were refreshed, they returned to the shop to get in a few more hours of work on the door and frame.

LIFE PRINCIPLE



"We could never learn to be brave and patient if there were only joy in the world."

—Helen Keller



Lesson 11

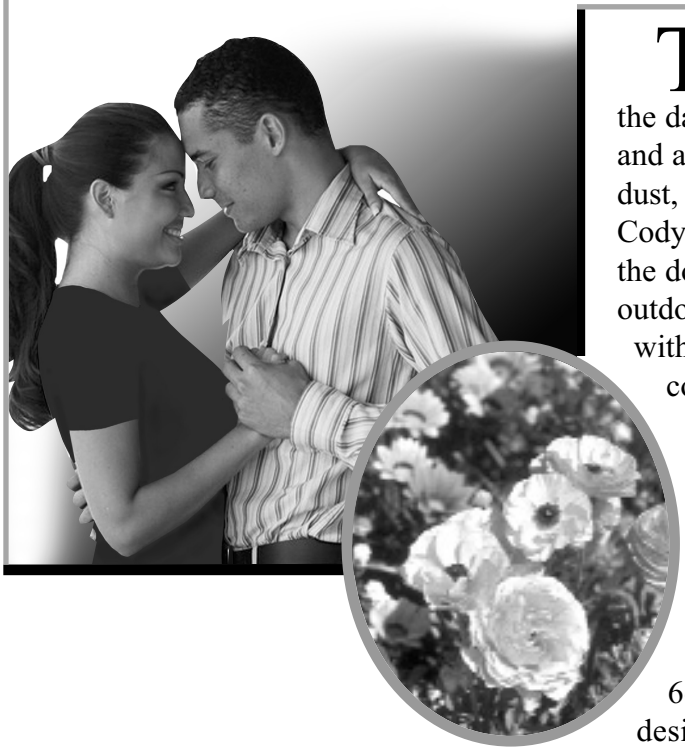
Restoration

Chapter 3

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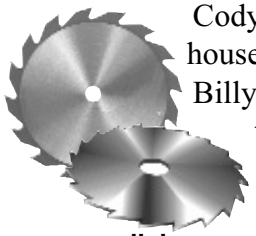
DOORWAY TO HAPPINESS



The men arrived at Mr. Knotts' shop where Cody checked the door that he had stained the day before to see if the stain was dry. It was dry; and after wiping it with a clean cloth to remove any dust, the door was ready for a finish coat of ***varnish***. Cody had selected some ***exterior quality*** varnish for the door, because it would be exposed to the outdoor ***elements***. Cody applied the gloss varnish with a brush, being careful to get a smooth, even coat on both sides of the door as well as on the top, bottom, and edges. This would prevent moisture from getting inside the wood of the door which, in turn, would prevent discoloration and wood rot. When the coat of varnish was completely applied, the door was left to dry over a four to five hour period.

Billy noticed that Mr. Knotts had some 6-inch wide trim boards with a neat decorative design on them. Cody decided that these boards would serve as nice door facings, since the trim was made from high quality ***fir trees*** that could be stained to match the new cabinets. He further determined that 45 degree angles would look nice at each door facing corner. After making the proper measurements for the door facings, Cody called Mr. Knotts to request permission to buy the trim pieces. Then, he set the ***radial arm saw*** at 45 degrees and made the proper cuts for the door facings. The facing material and the door jamb were then stained to match the rest of the material. Billy and Cody planned to wait until the next day to install the door, door jamb, and facings.

Cody asked, "Billy, how are you going to get into the house since you temporarily have no front door?" Billy laughed and said, "No problem. Did you forget that the house has a back door, partner?" Billy continued, "I'll meet you here at the shop tomorrow to load the new door and the other pieces that we will need to complete the job."



radial saw blades

VOCABULARY

Varnish: a liquid preparation that is spread like paint and dries to a hard clear coating
Exterior quality: suitable for use on outside surfaces
Elements: forces of nature
Fir Tree: a type of pine tree, valued for its wood
Radial arm saw: mainly used to cut angles
Shimming: filling in gaps with a material like wood, stone, or rock

Cody arrived home that evening and began telling Joni about how nice the door was going to look.

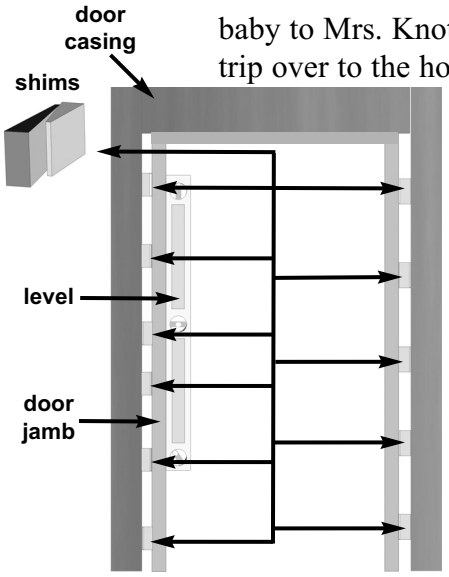
She exclaimed excitedly,"I want to go with you tomorrow to help with the installation."

"Okay, Joni. By the way, what kind of door lock do you want on the door?"

"I've been thinking about that; I want a bright, brass colored, lockable door knob with a separate dead bolt for security," she said.

Cody said, "I'll need to go by the lumber yard tomorrow to pick up the boards for the front porch, the front and back door locks, and some strong pesticide for killing any termites that might still be around. Since I'll be using the pesticide, would you ask Mrs. Knotts to keep Jessica? As young as she is, she doesn't need to be exposed to poisonous spray."

The next afternoon Billy and Cody picked up the door at Mr. Knotts' shop and the building supplies from the lumber yard before picking up Joni and delivering the baby to Mrs. Knotts. They quickly made the trip over to the house where they began unloading the supplies. Joni was amazed at how nice the door looked, as well as the newly painted picket fence.



She commented, "This place is beginning to look like the little house I've seen so vividly in my dreams!"

The men went right to work installing the new door jamb. It was a perfect fit; consequently, after leveling, ***shimming***, and plumbing, it was nailed into place. Next, the inside and outside facings were installed with headless finish nails. The entire door frame was then varnished.

While the varnish was drying, the damaged porch boards were removed and replaced. Finally, the front door was hung in place, and the new locks were installed in the pre-cut holes in the door.

Joni admired the new door and said, "It looks like the door of happiness to me, guys!"

LIFE PRINCIPLE



"When one door of happiness closes, another opens; but often we look so long at the closed door that we do not see the one which has been opened for us."

—Helen Keller



Restoration

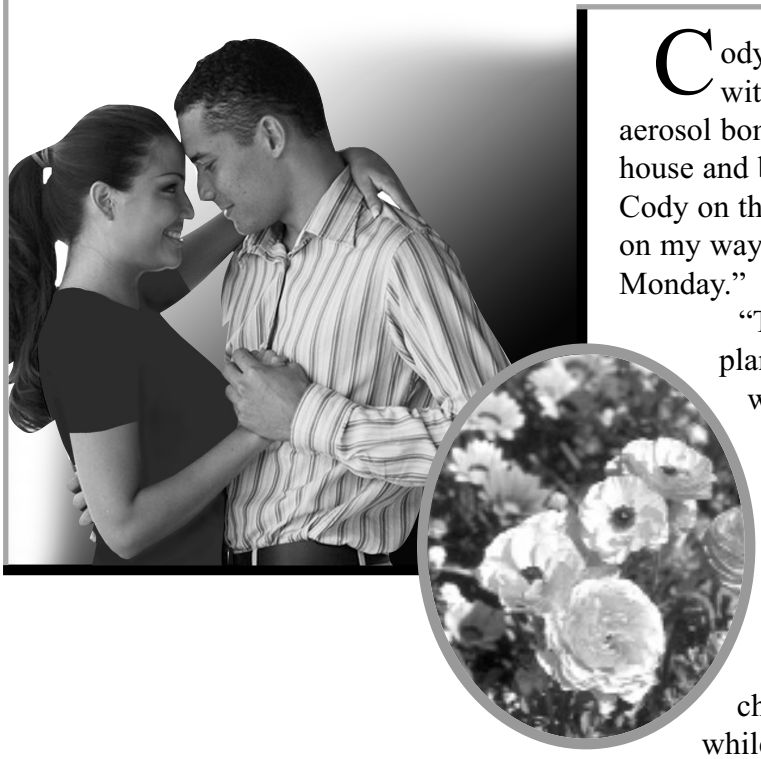
Lesson 12

Chapter 3

ELIMINATING PESTS

Section 3

Lessons 11-15



Cody showed up at Billy's house the next day with an array of pesticide sprays, pesticide aerosol bombs, and rat and mouse traps for the house and barn. Billy, duffel bag in his hand, met Cody on the front porch. He informed Cody, "I'm on my way to a rodeo, and I won't be back until Monday."

"That will work out great because I was planning to exterminate all pests this weekend."

Billy handed over a key to the new locks to Cody and said, "I bought a dead bolt lock for the back door just like the one you installed on the front door. I thought you might do the installation work while I'm gone."

"Sure, I will. Are there any other chores that need to be done around here while you're away? I'll be happy to take care of whatever needs to be done."

Billy replied, "Well, I was going to ask someone to feed the ***livestock***."

"I'll be more than happy to take care of that for you," Cody said.

Billy then showed Cody where the animal feed was stored and explained the type and amount of feed required by the various animals, as well as their automatic watering system.

"Joni and Jessica will enjoy feeding the animals while I work on things around the place," laughed Cody.

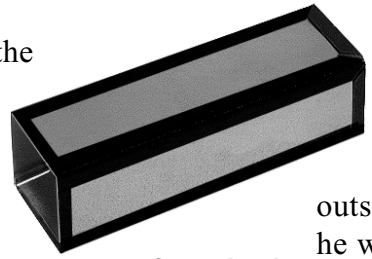
"Well, just make yourselves at home because it looks like it won't be long before it will be yours," said Billy. "By the way, a fellow from the county engineering department came out earlier today to take a sample from the water well. He also checked the ***septic system***. He said that the septic system passed just fine, but that he wouldn't know about the water until the test results come back from the county laboratory."

VOCABULARY

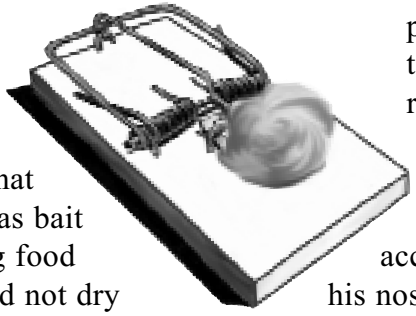
Livestock: domestic animals kept outside
Septic system: mechanism designed to break down waste products from the home
Circuit: completing a round; going from one to another in order
Nooks: hidden or secluded spots
Crevices: narrow cracks or openings

"I guess that is all part of the process of purchasing a home," remarked Cody.

The two friends said goodbye as Billy left for the rodeo ***circuit***. Cody set some spring-loaded mouse traps in the kitchen and bathroom areas. Cody knew that rodents were drawn to water and food. Cody supplied the food by placing some peanut butter on the bait station of the mousetrap. He also knew that peanut butter worked well as bait because it gave off a strong food odor for a long time and did not dry out quickly like cheese did. After placing the peanut butter in the proper place, the strike bar was pulled back and held in place by the bait station. Cody set the traps in places where he suspected mice might frequent. Cody also placed large sticky traps in the attic. These traps were designed with a food attractant and sticky material which holds the live mouse or rat in place. In addition to these devices, Cody had also purchased two traps, each of which was designed like a small box with a one-way door. He used these in the garage in hopes of catching larger rats, and possibly some squirrels, that might cause damage to insulation, wood, and electric wires.



trap for animals slightly larger than a mouse



spring-loaded mouse trap



sticky trap

After setting the rodent traps, Cody sprayed pesticide along the outside foundation of the house and along all other outside wooden structures. Then, he went into the house and opened up all of the closets, cabinets, and inside room doors. The open doors would allow the pesticide to penetrate the ***nooks*** and ***crevices*** to kill any insects that might be residing in hidden places. Next, he strategically placed the aerosol bombs throughout the house. When that was accomplished, he covered his nose with a handkerchief, quickly set off the four pesticide bombs and ran out of the house.



aerosol pesticide bomb

Cody locked the house and and tossed two pesticide aerosol bombs underneath the house before hurrying into his car, so that the entire floor structure of the house would be treated with pesticide. He planned to return the next day to inspect the pesticide application and traps, to install the outside security lights, to work on the front porch, and to feed Billy's animals. As Cody's list of things to do continued to grow, he began to realize all of the responsibilities that go with being a husband and home owner.

LIFE PRINCIPLE

"Energy and persistence conquer all things."



— Benjamin Franklin,
Poor Richard's Almanac



Restoration

Lesson 13

Chapter 3

Section 3

Lessons 11-15

BEAUTIFYING INSIDE AND OUTSIDE





Cody, Joni, and Jessica awoke to find a beautiful spring day with the Sun just starting to appear over the eastern horizon. Because her husband had planned a busy day, Joni began preparing a hearty breakfast of waffles, sausage and eggs. Cody packed a picnic lunch while Joni dressed Jessica. Cody loaded the truck with all of Joni's flowers and small garden tools along with three wooden slide latches he had designed and made at Mr. Knotts' shop after completing his work assignments there.

On the way to the house, they stopped at a rental place to rent a floor sander and a ***commercial*** shop vacuum. Cody planned to sand the front porch, the living room and dining room floors. The shop vacuum would be used to clean up the dust. The couple had decided to leave a natural hardwood finish on the living room and dining room floors; therefore, they would have to be sanded and then varnished to create a natural looking surface.

As they left the rental store, Joni said, "Cody, please swing by Mrs Knotts' house. She gave us some beautiful ***18 inch stepping stones*** left from their patio project and some plastic plant borders used in landscaping their front yard."

"I'll do that. I also need to stop at the lumber yard to pick up some ***preservative*** for the front porch boards," Cody replied.

After rounding up all needed supplies for the day's work, Cody and his family headed toward the house that they soon hoped to occupy. After unloading, Cody said, "The first thing that I want to do today is to install the gate locks to keep Jessica from wandering out of the yard as she gets a little older."

This was a simple task because the holes had been pre-drilled. The latches were designed to be lifted up and slid in to release the gate. This required performing two skills successfully and would be difficult for small children or pets to open the gates.

VOCABULARY

Commercial: designed for hard or industrial use

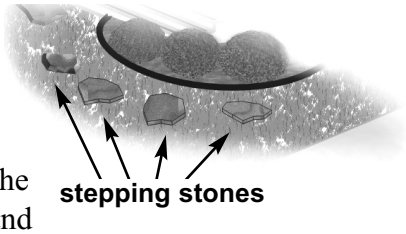
Preservative: a chemical that penetrates wood to prevent wood rot or decay

18 inch stepping stones: concrete blocks 1½ inch thick, used as a substitute for sidewalks

Coarse sandpaper: sandpaper with large pieces of sand in the paper which cuts more quickly

Baseboards: the boards located at the bottom of the walls of a room; serves as a trim board

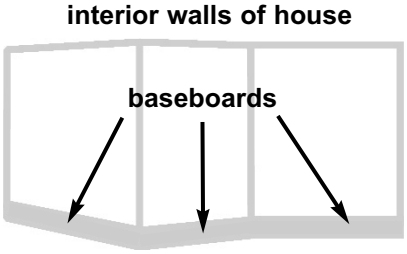
Assured that Jessica now had a safer environment, Cody unloaded the other materials and placed them on the front porch. Joni pointed out to Cody where the stepping stones should be placed for the best effect, and Cody set the stones according to his wife's wishes. She said, "Thank you for doing that. Now I can place the plant borders myself, and you can go ahead and work on the sanding."



Before beginning that project, Cody decided he had better check the results of his pesticide bombardment and the rodent traps he had set the day before. The first order of business was to open all the doors and windows to air out any remaining toxic fumes. In the process, Cody found several large dead roaches and three dead mice which he disposed of outdoors in the trash barrel. Next, he checked the outside traps and found two mice and one rat in those traps.

Now Cody was ready to start sanding the porch. He placed some ***coarse sandpaper*** on the big electric floor sander, put on a ventilator mask and began sanding the front porch. He soon learned how to lift and drop the handle to allow the sander to pull itself along. Keeping new sandpaper on the sander and going from coarse to fine sandpaper seemed to work best. This made the sanding process faster and also created a smooth finish.

Next, Cody went into the house and removed all the ***baseboards*** in the living and dining rooms and began the sanding process in these areas. Soon the electric sander had kicked up so much dust that the vacuum cleaner was needed. In a short time, the floor was smooth and looked like it had just been installed. Cody used the vacuum cleaner one more time, before wet mopping the floor to remove fine dust and cleaning up his work materials.



Then he walked over to the living room window from which he could see Joni holding Jessica, who had fallen asleep just as the Sun was setting. Pride swelled up in Cody's heart to know that soon his wife and daughter would enjoy their new home and yard. Cody also noticed the content expression on Joni's face. He rubbed his sore arm muscles and realized how tired he was after working all day. He felt satisfaction in his work and looked forward to another day when he could work again on the home for his wife and daughter.

LIFE PRINCIPLE



"You've got to get up every morning with determination if you're going to go to bed with satisfaction."

—George Horace Lorimer



Lesson 14

Restoration

Chapter 3

Section 3

Lessons 11-15

GOOD NEWS





As Cody looked out of the kitchen window, he saw the colts frolicking in the horse pen and realized that he had not fed the animals. He quickly went out the front door and exclaimed to Joni, "I need to feed the animals; then we can get Jessica home. She looks like she needs to sleep."

Joni laughed, "While you were sanding, Jessica and I fed the animals."

Cody asked, "How did you know what to feed?"

Joni laughed again and said, "Don't you remember going over the instructions with me? In fact, you went over them with me several times."

Her husband just shook his head and replied, "I've had so much on my mind that I guess I'm having a hard time keeping it all straight! Let's go home. I'll come back next week to apply the varnish."

One afternoon, a few days later, at Billy's house, Joni worked in the front yard while the baby napped, and Cody brushed varnish onto the living and dining room floors. He then applied the preservative to the front porch. After Joni finished watering the front yard plants, she and Cody went around to the back of the house where they installed the back door lock, but could still hear Jessica if she woke up.

Later as they drove away, they looked back over their shoulders at the pretty house with the picket fence. They marveled at the changes that had already occurred around the place. A few minutes later Cody pulled into the parking lot of the grocery store so Joni could purchase some items for supper. Cody saw the bank loan officer, Mrs. Jackson, as she came across the parking lot. She spotted Cody and immediately a broad smile crossed her face.

Walking over to the pick-up, Mrs. Jackson said, "I have good news! Your loan application has been approved. I was going to call you, but this is even better."

Cody and Joni hugged each other and then gave Jessica a squeeze. Mrs. Jackson said, "The ***closing on the note*** is scheduled

VOCABULARY

Closing on the note: the final signing of all the papers required in a loan transaction

Signing time: the appointed time to sign finalized loan papers

Attic: the upper portion of a house, usually unfinished and used for storage

Circuit breaker box: a metal box containing circuit breakers to control electric current

Spliced: joining two wires together by twisting one into the other

Gable: the triangular part of a roof above the wall line

two weeks from Monday, if that is convenient for everybody."

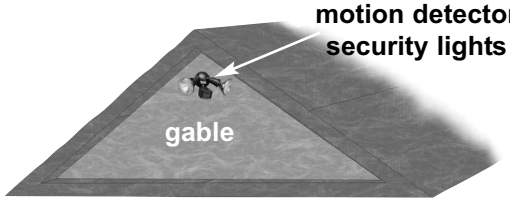
Cody informed her, “Billy is out of town right now, but he is due back early next week. I’ll leave a note at the house for him.”

Mrs. Jackson said, “Good! I will also call him to confirm the ***signing time***.”

After saying their goodbyes to Mrs. Jackson, the Rileys purchased their groceries. Later at home, Joni and Cody reviewed all the things that remained to be done before moving into their house. Joni made a list for the next day, and they went to bed talking about their new home.

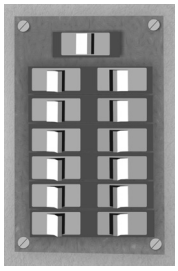
The following Saturday morning, Joni and Jessica awoke to the aroma of fresh orange juice, toast and scrambled eggs. Cody had surprised Joni by making breakfast. She and Cody talked and ate together, then Cody cleaned up the dishes while Joni fed and diapered the baby. “Mr. Knotts had to be out of town this weekend,” said Cody, “but that gives us an extra day to work on our house.”

“That’s fine with me,” exclaimed Joni, “Let’s go!” After arriving, they fed the animals; then they went to work. Cody found

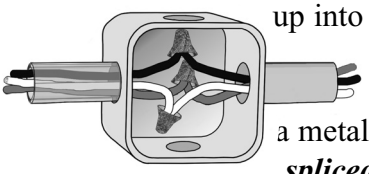


Billy’s ladder, grabbed a flashlight and went up into the ***attic***. There, he found two more dead mice to dispose of and an electric wire to provide power to the motion detector lights. He called down to Joni, “Honey, please shut off the electricity for me at the ***circuit breaker box***.”

circuit breaker box



She responded, “Okay! I’ll let you know when it’s off.” Soon, she called back up into the attic, “It’s off, now!”



junction box

Cody installed a metal junction box and ***spliced*** some new #14 gauge wire into the existing electric wire. Then, he drilled holes through the ***gable*** of the roof so the wire could be attached to the motion detector security lights. The lights were then screwed to the gable at the best possible location overlooking the front yard. The electric current was turned on to test the lights, and to the couple’s delight, everything worked. Joni and Cody could hardly wait until dark to provide a true test of how well the lights would function.

Life Principle



“A man does not breathe who does not like to hear good news.”

—Jeannine Hambrick



Lesson 15

Restoration

Chapter 3

HOME AT LAST

Section 3

Lessons 11-15



The next Saturday afternoon, Cody and his family motored over to the house to install smoke detectors.

Cody used Billy's ladder to install a smoke detector in the middle of the living room ceiling. Once it was in place, Cody tested it by striking a match. When the smoke drifted into the detector, a loud, piercing sound was immediately ***emitted***.

"It"s working! Man! Is it ever working!" Joni yelled above the ***din***.

Cody and Joni repeated the process in the kitchen and in the two bedrooms, testing each alarm. With this detail out of the way, Cody next turned his attention to putting another coat of varnish on the dining room and living room floors. When he finished, Joni came in to look at his work.

"These look like brand new hardwood floors, Cody!" She beamed, "This natural wood is just beautiful, like I knew it would be!"

Before leaving, Cody gathered all of his materials and fed the animals once more for Billy who had unexpectedly been called for an appointment in a nearby town.

Monday morning, the Riley's awoke with a sense of excitement. This was the day they were scheduled to assume ownership of the house. The place would at last be theirs! The day they had been looking forward to for so long had finally arrived.

Mrs. Jackson had said that she would call Billy to remind him of the meeting, and Cody had left a note on Billy's front door. Regardless, Cody couldn't resist calling Billy to make sure that he had received the messages. The two men talked for a few minutes then Billy said, "By the way, I can come over to your apartment now with my trailer. We can load up your stuff. Then after the closing, I'll help you make the move."

"That's fantastic! See you in a little while," Cody said.

Earlier in the week Joni had packed all their dishes and household goods in addition to most of their clothes. They had

VOCABULARY

Emitted: issued; gave forth
Din: a loud noise
Notarize: to make a paper or document legal by stamping with an official stamp in the presence of a certified notary

accumulated very little furniture other than the basics in the few short years that they had been married.

When Billy arrived, he was accompanied by his three of his roommates and their girlfriends. With so many workers, the trailer was loaded with all of the Rileys' possessions in a very short time.

As everyone got ready to leave, Cody and Joni thanked them all for their help.

"See you at the bank," Billy said as he pulled out of the driveway.

At the bank, Mrs. Jackson ushered Cody, Joni, Jessica, and Billy into a meeting room, where stacks of papers lay with a pen placed at each seat around a large conference table. After everyone was comfortably seated, Mrs. Jackson began the closing process. She said that both the water and termite testing had passed inspection, and the title search had been cleared. She explained each aspect carefully, and then called in a bank official to ***notarize*** all of the documents to be signed. When the signing was completed, she made and distributed copies of each document for each of the parties involved.

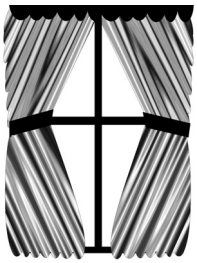
Joni laughingly remarked, "It seems like we're signing our lives away!"

"Yes, but look at what we'll have for it," grinned Cody.

As Cody stepped out of the bank and into the bright afternoon sunlight, he picked Joni up in his arms and swung her around. "Yippee! The place is finally ours!" he shouted.

Cody helped Joni and Jessica into their truck and followed Billy to their new home. When they arrived, Cody and Joni were surprised to see the Knotts' car in the driveway. Billy just smiled at them and said, "I think you'll find them inside the house. I loaned them my key when I heard what they had in mind."

As Billy and the Riley's stepped through the front door and into the living room, they could see Mr. and Mrs. Knotts at the living room window where they were busy hanging curtains.



Joni asked, "Where did you get those beautiful curtains?"

"Do you like them?" Mrs. Knotts hesitantingly inquired.

"Oh, yes! They're just lovely and remind me of the ones that we admired in that home decorating magazine you brought to the picnic," exclaimed Joni.

"That's because they are!" smiled Mrs. Knotts, "I made them, and John is hanging them. I made curtains for the whole house as our house warming gift for you," explained Mrs. Knotts.

"Why, that's the nicest thing I've ever heard of!" said Joni as she gave her friend a gentle hug.

Everyone helped, and soon the furniture was unloaded and placed in the various rooms of the house. With that completed, Billy and the Knotts said that it was time for them to be leaving. Cody, Joni, and Jessica stood on the front porch of their new home and waved goodbye as their friends pulled out of the driveway.

"There's no place like home!" Cody exclaimed as he hugged first Joni and then little Jessica.

Life Principle

