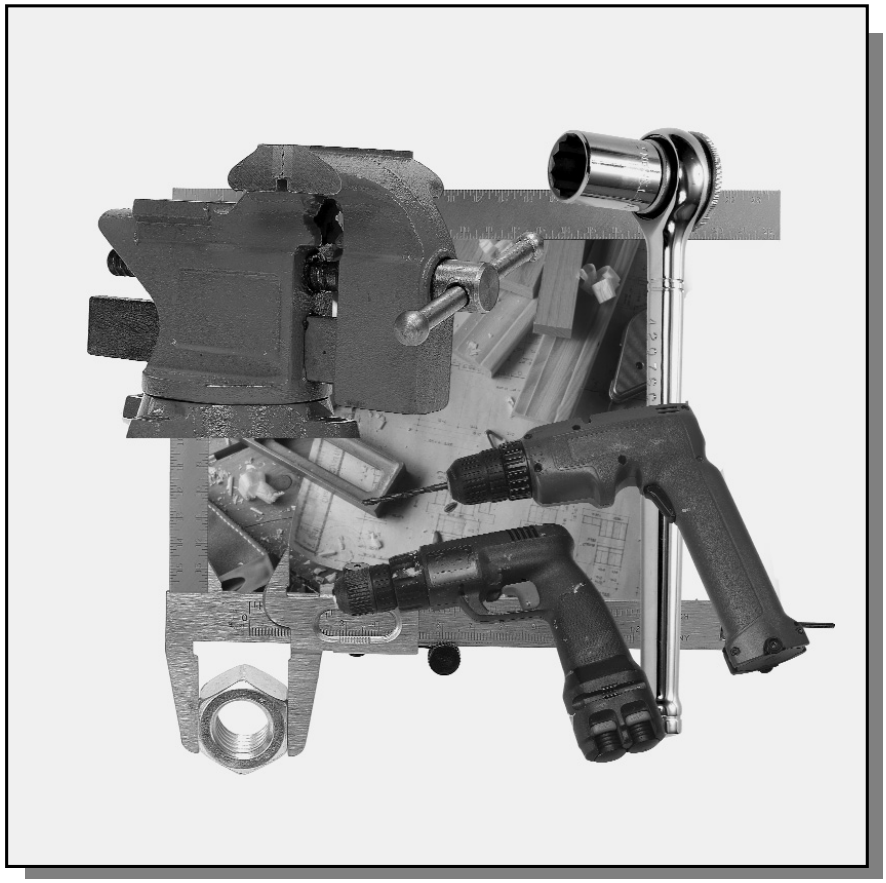
Character and Skills for Home and Careers

Activities



Chapter 2

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Character and Skills for Home and Careers

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Chapter 2, Section 1

Date: _____ Grade: _____





The Team

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. The ***team*** in this story is a _____ team.
2. The coach's name is George Gonzales. _____
   (a) True or (b) False
3. The team consisted of _____ players.
   (a) five (b) eleven (c) nine (d) ten
4. The team name was: _____.
   (a) Trojans (b) Owls (c) Cardinals (d) Rangers
5. The ***coach*** was interested in _____ and leadership.
6. The coach informed the team that players would help maintain the field. _____
   (a) True or (b) False
7. The team could not afford to have uniforms. _____
   (a) True or (b) False
8. After their first practice: _____.
   (a) they were so tired they had to be helped off the field
   (b) the coach felt as if the team would be a failure
   (c) they enjoyed some cake and ice cream
   (d) they spent some time cleaning up the baseball field
9. Jake was bothered by the idea that the team would have to: _____
   _____.
   (a) practice every afternoon for two hours
   (b) load and unload the tools often
   (c) play against teams that were superior to them
   (d) be capable of leadership and sportsmanship
10. The player who came up with the idea of building a storage shed was: _____.
    (a) Sam (b) David (c) Tim (d) Edward
11. The purpose of the _____ would be to hold field maintenance ***tools*** and baseball equipment.

12. David's dad liked the idea of building a storage shed. _____
(a) True or (b) False

Review. Match the diagrams with their proper names:

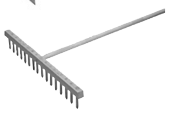
13. ___ rake (a)



14. ___ hoe (b)



15. ___ shovel (c)



16. Write the **Life Principle**: "_____
_____.
_____."



Construction

ACTIVITIES
Lesson 2

The Plan

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. The reason David's dad needed to check with the city manager at City Hall was because: _____.
   (a) he wanted to get a lot of people involved
   (b) the city owned the property where the ballpark was located
   (c) the city manager was a close friend of the mayor
   (d) he needed to buy a building permit

2. Both the city manager and the director of Parks and Recreation had children on the team. _____ (a) True or (b) False

3. Mrs. Coleman thought the City Council would provide field _____ _____ and baseball _____ if there were a place for storage.

4. An architect was hired to draw up the plans for the building. _____
   (a) True or (b) False

5. ***Parallel*** means: _____.
   (a) being at right angles to a plane or flat surface
   (b) being perpendicular to a parallelogram
   (c) extending in the same direction, always equidistant, never meeting
   (d) all corners are right angles

6. The coach used a geometric theorem called the _____ to construct a ***perpendicular*** line.

7. The equation for that theorem is _____.

8. According to that equation, if a right triangle is 9 feet on one leg and 12 feet on the other leg, the ***hypotenuse*** will be _____ feet.

9. A right angle has _____ degrees.
   (a) 120 (b) 15 (c) 360 (d) 90

10. The dimensions of the storage shed were to be _____.

11. A ***rectangle*** must have _____ 90 degree angles.

12. The diagonal distance of a rectangle is: _____.
    (a) the distance from one corner to the opposite corner
    (b) very difficult to calculate
    (c) easy to estimate very accurately
    (d) too long to be of any assistance

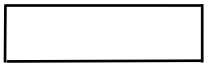
13. The only way to determine if the strings and stakes were placed correctly to form a rectangle was to measure the two _____, which should be equal in length.

14. When drawing plans, a _____ was used to draw circles.

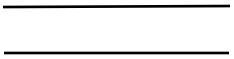
15. The plans were quite easy to draw and therefore were completed in a very short period of time. _____ (a) True or (b) False

Review. Match the diagrams with the proper terms:

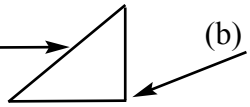
16. ____ parallel (a) 

17. ____ perpendicular (b) 

18. ____ rectangle (c) 

19. ____ T-square (d) 

20. Label the triangle:

(a) _____  (b) _____

21. Write the **Life Principle**. "_____
_____
_____."



Construction

ACTIVITIES
Lesson 3

Getting Started

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. After a week of practice there was little improvement in the team. _____
   (a) True or (b) False

2. David's dad had a truckload of _____ delivered to the building site to use on Saturday.

3. When Dad and David arrived at the park on Saturday morning, many people were already there to assist in the building construction. _____
   (a) True or (b) False

4. The ***batter boards*** were placed: _____.
   (a) around the pick up truck
   (b) along the west fence of the park
   (c) at each corner and two feet back from the stakes
   (d) in a bucket to stir with later

5. The batter boards must all be _____ with each other.

6. The _____ string placed between the _____ determines the position of the ***slab***.

7. The _____ method of squaring a building involves the use of right triangles and the _____ Theorem of geometry.

8. If a wall is ***plumb***, it is: _____.
   (a) made out of concrete
   (b) standing straight up vertically
   (c) made of wood from the plumb tree
   (d) straight on the building line

9. The form boards were placed around the perimeter of the shed in order to: _____.
   (a) be sure the building was of the correct form
   (b) make sure the building was square
   (c) keep the concrete in place until it hardened
   (d) fill out all the technical forms correctly

10. A form nail has "two heads" so it can be _____.

11. The width and depth of the footer was _____.

12. A footer is made around the perimeter of the building in order to keep the building elevated above the ground and give an air space under the building. _____
(a) True or (b) False

13. The purpose of the _____ rebars used in the foundation was to make the slab _____.

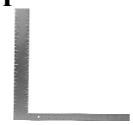
14. The reinforcing wire mesh was overlapped _____ inches.

15. The fill dirt was put inside the forms to make the concrete slab _____ inches thick.

16. For what two reasons was dirt piled against the outside of the forms? _____ _____ and _____

17. Why did the men use tightly stretched string along the sides of the form boards? _____ _____

Review. Match the following diagrams with their proper names:

18. ___ wheelbarrow (a) 

19. ___ circular saw (portable) (b) 

20. ___ framing square (c) 

21. ___ level (d) 

22. ___ claw hammer (e) 

23. ___ sledge hammer (f) 

24. Write the **Life Principle**: "_____ _____ _____."



Construction

ACTIVITIES
Lesson 4

The Slab

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. List the three main ingredients in concrete.
   _____
   _____
   _____

2. *Aggregate* in cement is usually composed of: _____.
   (a) clean distilled water (c) sand and rock
   (b) portland cement (d) anything to fill out the mixture

3. The two-part ***chemical reaction*** produced by properly mixing concrete involves _____ _____ and _____.

4. If more cement is added to a concrete mixture, the concrete will be _____ when it is set up or cured.

5. A cubic yard of concrete contains _____ cubic feet of concrete.

6. Write the formula for figuring the amount of concrete needed in cubic yards for a project. _____

7. The total amount of concrete needed for the shed was _____ cubic yards.

8. The cost of the concrete was determined by _____ the number of cubic yards by $62.00.
   (a) subtracting (b) adding (c) dividing (d) multiplying

9. A ***screed board*** is used to lay across the top of wet concrete so workers can walk across to the other side. _____
   (a) True or (b) False

10. When the driver began to ***churn*** the concrete in the truck he was: _____.
    (a) mixing it (c) stirring it with a large stick
    (b) beating it furiously (d) trying to smooth the surface

11. A device used on wet concrete to move the aggregate down in the mixture and move the sand to the top is a: _____.
(a) screed board (c) bull float
(b) jitterbug (d) finishing trowel

12. Typically, a _____ would be used on the slab after the jitterbug to smooth any ridges or voids.

13. In concrete ***work***, an edger would be used to remove grass and weeds from along side of the project. _____ (a) True or (b) False

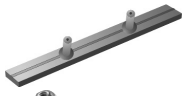
14. _____ were placed in the concrete around the perimeter of the slab that would be used later to anchor the shed to the slab.

15. The last step in finishing the concrete slab was to use a _____ to put on the final touches.

Review. Match the diagrams with their proper names:

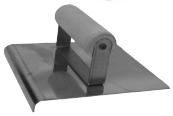
16. ___ bull float (a) 

17. ___ darby (b) 

18. ___ edger (c) 

19. ___ groover (d) 

20. ___ standard hand trowel (e) 

21. ___ j-bolt (f) 

22. Write the **Life Principle**: "_____
_____
_____."



Planning the Walls

ACTIVITIES
Lesson 5

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. If a concrete slab begins to "set up", we would expect it to begin to _____.

2. The ***top plate*** and bottom plate of a wall refer to: _____.
   (a) 2" x 4"s that hold the studs in place
   (b) 2" x 4"s above door and window openings
   (c) parts of a wall that enclose a door opening
   (d) none of the above

3. The actual width and depth of a 2" x 4" ***stud*** is _____ inches.

4. The thickness of a 2" x 4" wall frame would be _____ inches.

5. In this lesson, ***headers*** refer to: _____.
   (a) part of the exhaust system on a car
   (b) the person in charge of a construction project
   (c) a structural part of the wall over a door or window opening
   (d) a part of the building opposite the footers

6. The measurement of each of the shorter walls of the building was _____.

7. On the twelve foot side of the shed, the walls had to be framed shorter than twelve feet because _____.

8. A wall framed with studs on 16 inch centers indicates: _____.
   (a) the studs will be 16 inches apart
   (b) the walls are 16 inches apart
   (c) the walls are 16 inches tall
   (d) the studs are 16 inches from the center of one stud to the center of the next

9. The type of wood used for the top plates was: _____.
   (a) pressure treated pine
   (b) cedar and redwood
   (c) white pine or southern yellow pine
   (d) any kind available to the project

10. A good standard for figuring materials for a wood frame building is, one stud for every _____ of wall length.

11. The reason pressure treated lumber should be used against concrete is: _____
_____.
(a) pressure treated lumber is harder that other types of lumber
(b) its resistance to termites, moisture and decay
(c) its ability to float if there is high water
(d) because it is pressure treated, it will expand and seal the bottom of the shed

12. Pressure treated lumber was to be used for the _____.

13. Studs are anchored in a _____ position to the top and bottom plates.
(a) parallel (b) perpendicular (c) rectangular (d) triangular

14. The coach decided to use _____ nails to frame the shed.

15. More nails are in a pound of 16 penny nails than in a pound of 10 penny nails. _____
(a) True or (b) False

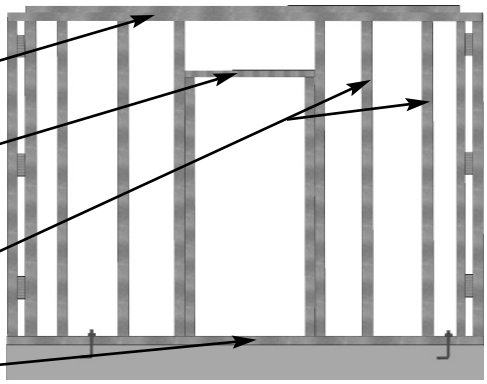
Review. Label the following parts of a framing wall:

16. _____

17. _____

18. _____

19. _____



20. Write the **Life Principle**: "_____
_____
_____."

Note: Ask your teacher for the quiz over lessons 1-5 before proceeding to the next section. Reminder: If you score 85% or higher on the three section quizzes, you may be exempt from the chapter test!



Warning

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

Hands On

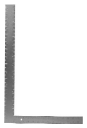
These are OPTIONAL PRACTICAL PROJECTS to be conducted under direct supervision of the teacher while manipulating tools and equipment included in this section. (No Answers in Key)

Complete activities as indicated.

1. Students identify each tool listed.

_____ T-square (a) 

_____ Compass (b) 

_____ Combination square (c) 

_____ Circular saw (d) 

_____ Framing square (e) 

_____ Level (f) 

2. Draw a set of batter boards as they relate to a foundation.

3. How many cubic yards of concrete are in a slab that is 9 feet by 9 feet by 4 inches?

_____

4. Match the items with the pictures.

____ Screed board (a)

____ jitterbug (b)

____ J-bolt (c)

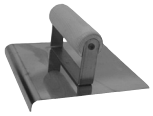
____ bull float (d)

____ edger (e)









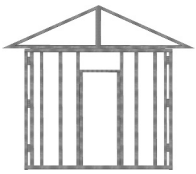


5. Illustrate studs placed on 16 inch centers.

_____Teacher signature

Note: Ask your teacher for the quiz over lessons 1-5 before proceeding to the next section. Reminder: If you score 85% or higher on the three section quizzes, you may be exempt from the chapter test!





Construction

ACTIVITIES
Lesson 6

Bridging the Span

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. A ***rafter*** would typically be found in the _____ section of a building.
   (a) floor (b) wall (c) roof (d) basement

2. The type of roof for the shed would be _____.

3. A ***span*** is the distance between _____.

4. An ***overhang*** refers to: _____.
   (a) the style of the roof and the building
   (b) the length between the exterior wall and the end of the rafters
   (c) a morning headache
   (d) a cantilever situation on the floor joist

5. Coach figured he would need 9 ***trusses*** for the shed if he put them on two foot centers.
   _____ (a) True or (b) False

6. Coach decided to build the trusses in place on the building so he would not have to handle them more than one time. _____ (a) True or (b) False

7. The trusses would be built using 2”x 4”s and _____.

8. The thickness of the plywood used with the trusses was_____.

9. The amount of money needed for materials for the shed was: _____.
   (a) $1000.00 (b) $10,000.00 (c) $100.00 (d) none of these

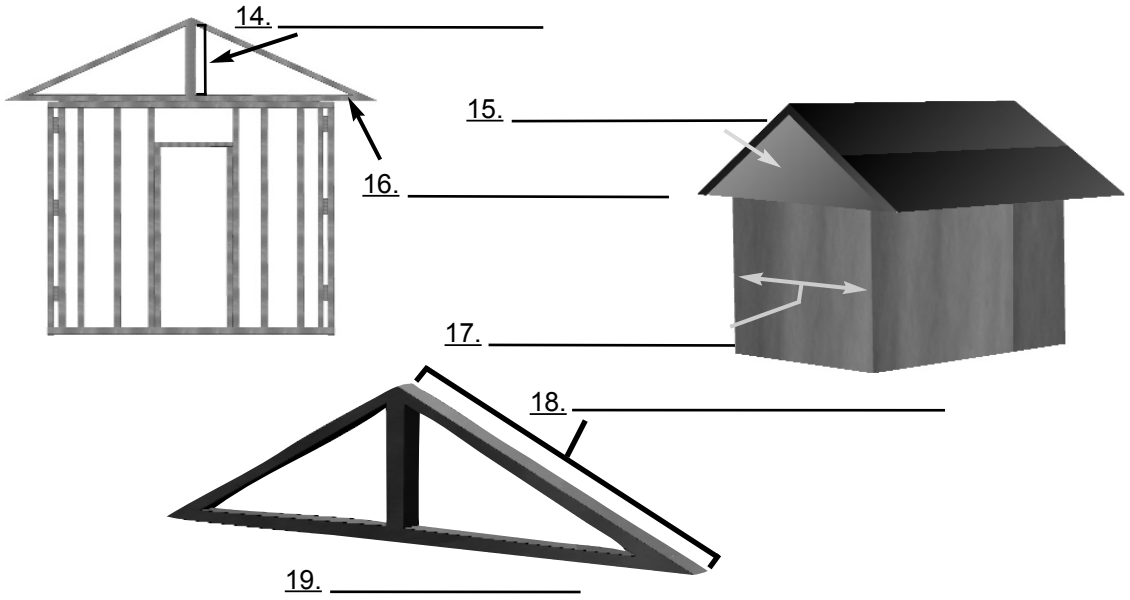
10. The city manager was happy to provide the money for the shed materials. _____ (a) True or (b) False

11. The one actually providing the money for the shed materials was: _____.
    (a) a local charity (c) the Parks and Recreation Department
    (b) a local church (d) a local bank

12. Coach used a piece of chalk to draw the _____ on his driveway.

13. A red flag was attached to the lumber on the truck to indicate that this lumber was to be used to build a shed. _____
    (a) True or (b) False

Review. Label the following diagrams:

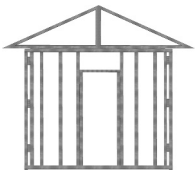


20. Write the **Life Principle**: "_____
_____
_____."

Name: _____ *Character and Skills for Home and Careers*

Chapter 2, Section 2

Date: _____ Grade: _____



Construction

ACTIVITIES
Lesson 7

Raising the Walls

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. A _____ is a pattern or mold used as a design.

2. ***Siding*** is used to cover: _____.
   (a) the floor (c) the exterior walls
   (b) the roof (d) the driveway

3. ***Decking*** is used to cover: _____.
   (a) the floor (c) the exterior walls
   (b) the roof (d) the driveway

4. Coach Hunter needed volunteers to help him: _____,
   (a) find a trailer to move the trusses
   (b) carry the trusses to the park
   (c) find the lumber to build the trusses
   (d) load the trusses on a flat bed trailer

5. _____ sheets of siding would be needed to cover the outside of the shed.

6. _____ sheets of decking would be required to cover the entire roof.

7. The men used a _____ to cut the plates for the first wall to 15 feet long.

8. A _____ was used to mark off the top and bottom plates at 16 inch centers.

9. The corner posts were framed on the 15 feet long walls because: _____
   _____.
   (a) the 15 feet long walls were the first to be built
   (b) the 15 feet long walls would overlap the end of the shorter walls
   (c) that is the only way everything would finally fit together
   (d) it seemed a good thing to do

10. Holes were drilled in the top plate with a ***wood bit*** to accommodate the j-bolts. _____
(a) True or (b) False

11. After the 15 feet long back wall was built, the next wall to be built was the _____.

12. The front wall was build identical to the back wall. _____
(a) True or (b) False

13. The width of a framed opening for a 36 inch wide door is: _____.
(a) $36\frac{1}{2}$ inches (b) 37 inches (c) 38 inches (d) 39 inches

14. The building was checked to be sure the walls were plumb. Plumb means the walls were _____.

15. A _____ was used to check the walls for being plumb.

16. The angle braces were taken off the shed as soon as the walls were standing. _____
(a) True or (b) False

17. Write the **Life Principle**: "_____
_____
_____."

Name: _____ *Character and Skills for Home and Careers*

Chapter 2, Section 2

Date: _____ Grade: _____



Construction

ACTIVITIES
Lesson 8

Topping it Off

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. The top plates were marked on _____ centers to locate the position of the trusses.

2. A step ladder and an ***extension ladder*** are the same type of ladder. _____
   (a) True or (b) False

3. The men decided the best way to be sure the trusses were straight was to use the center truss as a guide to install the remaining trusses. _____
   (a) True or (b) False

4. The roof overhang on each end of the shed was _____ inches.

5. The siding was installed with the _____ running up and down.
   (a) grooves (b) nails (c) splinters (d) patterns

6. The men used a _____ to determine if the siding was plumb.

7. The men used the same ***technique*** for the remaining walls. _____
   (a) True or (b) False

8. The purpose of the ***roofing felt*** was to: _____.
   (a) drape over the building while it was being constructed
   (b) protect the decking from moisture
   (c) provide a lasting covering for the shed
   (d) beautify the entire project

9. "Dried-in" means _____.

10. The shingles and trim color for the shed would be _____.
    (a) green (b) red (c) dark brown (d) black

11. The ***interior*** of the shed would be covered with _____.

12. The men decided on a _____ door for the shed.

13. They also decided that the door should have a _____ framework.

14. The men picked up their things and cleaned up the construction site before leaving, like mature, responsible men of integrity should do. _____
(a) True or (b) False

15. Write the **Life Principle**: "_____
_____
_____."



Construction

ACTIVITIES
Lesson 9

Shopping for Supplies

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. To ***categorize*** means to: _____.
   (a) make items look more like felines
   (b) classify according to a certain system
   (c) line up every item in a straight line
   (d) make sure all categories arise to the same level

2. A solid metal door was chosen because of _____ and _____.

3. The boys' mothers wanted a door with a window, because people would be able to see what was in the shed without opening it. _____
   (a) True or (b) False

4. The metal door that was purchased only cost $59.00 because it was: _____.
   (a) broken (b) damaged (c) unpainted (d) varnished

5. Mr. Hernandez had to go up on the roof to look at shingle samples. _____
   (a) True or (b) False

6. ***Composition*** shingles are made of: _____.
   (a) water, tar and sand (c) asphalt, fiberglass and rock granules
   (b) tar, fiberglass and sand (d) cement, asphalt and gravel

7. Shingles are packaged in ***bundles***. A bundle of shingles covers _____ square feet.

8. How many bundles of shingles would have to be bought to cover 200 square feet? _____
   (a) seven (b) three (c) nine (d) six

9. The total area of the shed roof was _____ square feet.

10. The number of bundles of shingles needed to cover the shed roof is _____.

11. If a building roof were 1000 square feet, how many bundles of shingles would be required to cover the roof? _____

12. ***Oil base*** paint is easier to clean up than ***latex based*** paint. _____
    (a) True or (b) False

13. Fifteen sheets of siding on the building contained _____ square feet of surface area that required painting.

14. A gallon of the selected paint would cover _____ square feet in one coat.

15. _____ gallons of paint were needed to put two coats on the siding.

16. Write the **Life Principle**: "_____
_____
_____."



Construction

ACTIVITIES
Lesson 10

Take Me Out to the Ball Park

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. The ***pool*** of pitchers refers to _____.
   (a) individuals put into a group to be used as pitchers
   (b) a pool where only pitchers could swim
   (c) a group of pitchers that liked to play pool
   (d) a kind of pool that only pitchers were allowed to play

2. The ***edger*** used here is the same one used on the slab to finish the edges of the concrete. _____ (a) True or (b) False

3. A ***grass trimmer*** is designed to _____, using a nylon string.

4. A ***chain link fence*** is a fence made entirely of extra links from chains.
   (a) True or (b) False

5. Mr. Garcia put a drag on his riding mower and began dragging the infield in order to _____.

6. Mr. Garcia edged around the base lines and put the grass clippings in a place where other grass clipping had been piled, called a _____.

7. Compost piles are composed mainly of: _____.
   (a) posts (b) inorganic matter (c) organic matter (d) trash to haul away

8. The Cardinal team lost its first game because of a lack of good pitching. _____
   (a) True or (b) False

9. Write the **Life Principle**: "_____
   _____
   _____."

Note: Ask your teacher for the quiz over lessons 6-10 before proceeding to the next section. Reminder: If you score 85% or higher on the three section quizzes, you may be exempt from the chapter test!



Warning

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

Hands On

These are OPTIONAL PRACTICAL PROJECTS to be conducted under direct supervision of the teacher while manipulating tools and equipment included in this section. (No Answers in Key)

Complete activities as indicated.

1. Draw a truss that could be used on a roof.

2. Match the items to the pictures.

____ electric drill (a) 

____ drill bit (b) 

____ J-bolt (c) 

____ truss (d)

____ claw hammer (e) 

3. Match the items with pictures.

____ grass trimmer (a) 

____ edger (b) 

____ lawn mower (c) 



ACTIVITIES
Lesson 11

Closing the Door

Construction

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. If the team shows that it could become much better than it is presently, we say that it has _____.

2. The ***dead-bolt*** security lock that was provided for the shed was a hasp with a padlock and seven different keys. _____ (a) True or (b) False

3. With the door lock was a key for each of the _____ in the baseball league.

4. A separate metal _____ was to be installed on the outside of the door.

5. The metal door frame was secured to the wood frame of the shed with: _____.
   (a) nails (b) screws (c) leather straps (d) lag bolts

6. Coach ***aligned*** the door in the opening using a _____.

7. The ***threshold*** of a door is: _____.
   (a) a wood or metal plate across the floor at the bottom of the door
   (b) the edge of a door where you could fall out of the shed
   (c) the place where the item is just barely becoming a door
   (d) nonexistent, there is no door threshold

8. The door threshold was installed using: _____.
   (a) nails (b) screws (c) leather straps (d) lag bolts

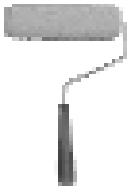
9. Coach had to make sure the key side of the lock was on the inside of the door and the thumb latch was on the outside of the door. _____
   (a) True or (b) False

10. When Coach checked the dead bolt for ***binding***, he was checking it for: _____.
    (a) the way it was all tied together and bound
    (b) tightness in the area into which the bolt was supposed to slide
    (c) proper wrapping from the store
    (d) all of the different parts to be in the package

11. The dead bolt lock was installed with: _____.
    (a) nails (b) screws (c) leather straps (d) lag bolts

12. Coach could not get the dead bolt lock to work properly in the door the first time he tried.
_____ (a) True or (b) False

13. Write the **Life Principle**: "_____
_____
_____."



Construction



Putting on the Paint

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. ***Masking tape*** is used to: _____.
   (a) cover or repair a mask if one is damaged
   (b) tape a mask over any surface where a different look is needed
   (c) establish a clean paint line and prevent over spray or over brushing
   (d) protect the painter from the paint over spray

2. The paint had already been mixed with a ***wire paint stirrer*** and was ready to use when Coach arrived at the park. _____ (a) True or (b) False

3. The ***chuck*** of a drill: _____.
   (a) is its brand name (c) holds the bit in place
   (b) is the drill bit (d) is a wire paint stirrer

4. The drill holding the _____ was turned on and run slowly to keep the paint from spilling.

5. Mr. Locke ***masked off*** the door before he began to paint the walls. _____
   (a) True or (b) False

6. A _____ was used to trim the masking tape on the hinges.

7. When shaking a can of spray paint, the sound of the ball rattling inside the can indicates: _____.
   (a) the mixing of the paint is complete and it is ready to use
   (b) there is something very wrong with this can of paint
   (c) you should drop the can of paint and run
   (d) a good time to hand the can to your assistant

8. Donning a painting mask would mean to: _____.
   (a) tip the face mask away from your face when talking to others
   (b) put the painting mask up on a high shelf
   (c) put the mask on over your mouth and nose
   (d) give the mask to Don

9. A painting mask is used to protect the wearer from _____.

10. Because one coat of paint on the door was sufficient, a second coat was not applied. ____
(a) True or (b) False

11. The masking tape used on the shed was left in place to continue protecting the masked areas. _____ (a) True or (b) False

Review. Match the diagrams with their proper names:

12. ___ plumb line/bob (a) 

13. ___ drill bit (b) 

14. ___ dead-bolt lock (c) 

15. ___ wire paint stirrer (d) 

16. ___ strike plate (e) 

17. ___ paint roller (f) 

18. Write the **Life Principle**: "_____
_____
_____."



Construction

ACTIVITIES
Lesson 13

A Place for Everything

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. Because latex paint was used, the paint brushes and rollers were cleaned with: _____.
   (a) paint thinner (b) kerosene (c) gasoline (d) water
2. The men decided to build the lockers with ¾ inch plywood. The ¾ inch refers to the _____ of the plywood
   (a) length (b) width (c) thickness (d) weight
3. The _____ was to be cut and the _____ assembled at Mr. Hurley's shop.
4. _____ sheets of plywood would be needed to build two lockers.
5. If the number of sheets in #4 above would make two lockers, _____ sheets of plywood would be needed to make eight lockers.
6. The local bank would ***underwrite*** the cost of the lockers. Underwrite means to: _____.
   (a) take care of any writing that would be on the bottom of the lockers
   (b) provide the cost of the lockers
   (c) sign the paperwork for the lockers
   (d) be responsible for the construction and installation of the lockers
7. The total cost of the lockers was _____.
8. A ***rip fence*** has to do with a torn-up fence line. _____
   (a) True or (b) False
9. The lockers were to be assembled using: _____.
   (a) nails (b) tabs (c) screws (d) bolts
10. A _____ was used to screw down the hinges and the ***hasps***.
11. The men worked on the lockers every afternoon for almost a week in order to finish them. _____
    (a) True or (b) False

12. When the lockers finally arrived at the park, they were too large to fit through the door of the shed. _____ (a) True or (b) False

13. The eight lockers were finally all installed on one wall in the shed, leaving plenty of room for storage of other things. _____ (a) True or (b) False

Review. Match the following tool diagrams with their names.

14. ___ table saw (a) 

15. ___ hinge (b) 

16. ___ hasp (c) 

17. ___ cordless drill (d) 

18. Write the **Life Principle**: "_____
_____
_____."

Name: _____ *Character and Skills for Home and Careers*

Chapter 2, Section 3

Date: _____ Grade: _____



Construction

ACTIVITIES
Lesson 14

Adding Beauty

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. Another name for ***gypsum board*** is: _____.
   (a) miracle board (c) Sheetrock
   (b) terrazzo board (d) chip board

2. The ***nursery*** mentioned in this story was where: _____.
   (a) children went during the day while their parents worked
   (b) one could buy landscaping plants and other supplies
   (c) cows fed their young
   (d) nurses live when not working

3. To ***landscape*** means to _____
   _____.

4. The ***greenhouse*** mentioned here is: _____.
   (a) someone's house that was painted green
   (b) a landmark because it was an unusual color
   (c) a structure where young plants are nurtured
   (d) where green beans are grown

5. What five types of items did Coach Hunter receive from the nursery? _____,
   _____, _____, _____, and _____.

6. In order to control weeds and hold moisture around plants, you would
   use _____.

7. The ***fertilizer*** would be used to: _____.
   (a) hold the plants in place during the landscaping procedure
   (b) enhance the growth of the plants
   (c) rub on the plants to make them look better
   (d) control weeds and hold moisture around the plants

8. Mr. Garcia used _____, _____, and _____
   to lay out the landscape plan.

9. ***Foliage*** has to do with the leaves and flowers of plants. _____
   (a) True or (b) False

10. The people were able to complete all of the landscaping in one day. _____
    (a) True or (b) False

11. The people had a wonderful sense of _____ because the project had become a reality.

12. Write the **Life Principle**: "_____
    _____
    _____."

Name: _____ *Character and Skills for Home and Careers*

Chapter 2, Section 3

Date: _____ Grade: _____

ACTIVITIES
Lesson 15



The Celebration

Construction

You are making progress! ***Answer the following questions. Circle the correct answers or fill in the blanks with words, letters or numbers as each question indicates. Check your answers from the Answer Key. Correct all errors, then complete your next goal.***

1. Coaches Hernandez and Hunter understood that good father-son and ***mentor***-boy relationships were important._____ (a) True or (b) False

2. The barbecue dinner was planned for all the _____ and _____ who had helped on the shed project.

3. Mr. Hernandez felt that businesses and individuals should have special _____ at the ***function*** Coach had planned.

4. Coach wanted to give each participant a plaque to take home in appreciation for everyone's ***dedication***. _____ (a) True or (b) False

5. The plaques were _____ by Mrs. May.

6. The plaques were to be _____ to the shed as recognition.

7. Mr. Mosser agreed to be the _____ for the Cardinal team.
   (a) coach (b) water boy (c) sponsor (d) owner

8. There were _____players on the Cardinal team.

9. Mr. Mosser agreed to buy _____ and _____ for the team.

10. Mr. Mosser's crew was to ***cater*** the dinner which meant they would: _____ _____.
    (a) do what ever was necessary to please or cater to those in attendance
    (b) bring the barbecue dinner to the park and serve it to the guests
    (c) take the dinner and eat it themselves
    (d) only be involved with the cooking of the meal

11. What two character qualities emerged from Coaches Hernandez and Hunter as a result of their meeting with Mr. Mosser? _____ and _____

12. Approximately _____ people attended the barbecue dinner.

13. Coach Hernandez received the _____award from the City Council.

14. The Cardinal team presented their coach with a plaque which included _____ _____.

15. Write the **Life Principle**: "_____ _____."

Warning

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Hands On

These are OPTIONAL PRACTICAL PROJECTS to be conducted under direct supervision of the teacher while manipulating tools and equipment included in this section. (No Answers in Key)

Complete activities as indicated.

1. Draw a plumb bob and illustrate its use.

2. Illustrate the location on a building where you would find "fascia" boards.

3. Match the items with the pictures.

____ cordless drill (a)

____ phillips screwdriver tip (b)

____ flat screwdriver tip (c)

____ phillips head screw (d)

____ straight slot screw (e)



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