

Super Hero

Discover

? Who is heroic?



Do You Know...

- ✓ A hero is a male who does wonderful things to help others.
- ✓ A heroine is a female who does wonderful things to help others.
- ✓ Famous people, friends, and family all can be heroes and heroines.



Other Languages

English hero
 French un héros
 Spanish un héroe



Vocabulary

hero
 heroine
 kind

Crayola

Dream~Makers

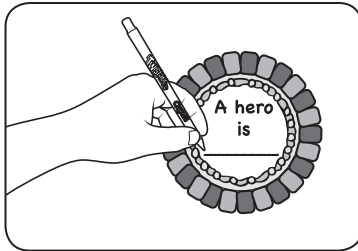


Language

1
2
3

Create It!

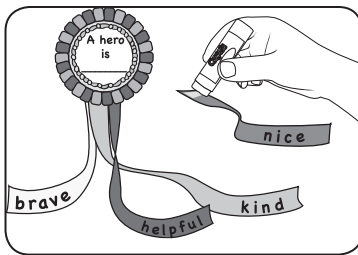
Badge of Honor

Steps
2 and 3

1. Cut a paper circle.
2. Write the words: A hero is... on it. Add the name of someone you think is a hero or heroine.

3. Add a colorful border to the badge.

4. Cut paper streamers. Write a word like *brave* or *helpful* that describes a hero on each streamer.

Step
5

5. Glue the streamers to the badge. Give it to someone who is a hero or heroine.



Supplies

- Markers
- Colored Pencils
- Crayons
- Glue Sticks
- Scissors
- Colored Paper



Think About It

List things heroes and heroines can do to help others.



Language

Money Math

Explore

? How do coins add up?



Do You Know...

- ✓ Two nickels = 1 dime.
- ✓ Five nickels = 1 quarter.



Other Languages

English	money
French	l'argent
Spanish	el dinero



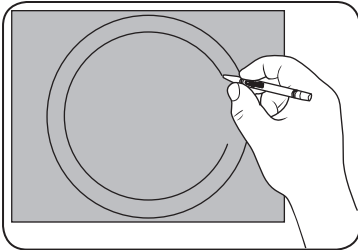
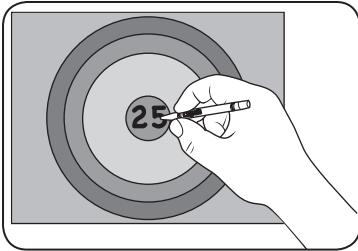
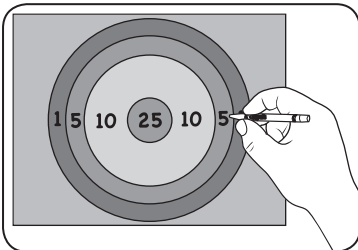
Vocabulary

nickels
dime
quarter

Crayola

Dream~Makers

$\frac{1}{2}$ Math

Step
2Step
4Step
8

Coin Toss

1. Draw a circle. Make it as big as the paper.
2. Inside that circle, draw a circle that is a little smaller.
3. Draw a bit smaller circle inside that one.
4. Make a tiny circle in the middle. Write 25 in the middle.
5. Write 10 inside the next biggest circle.
6. Put a 5 in the next space.
7. Write a 1 in the biggest circle.
8. Wad up a scrap of paper. Toss it on your target. How many points did you get?
9. Throw 2 more times. Write the number sentence. Add up your score.
10. Play again!



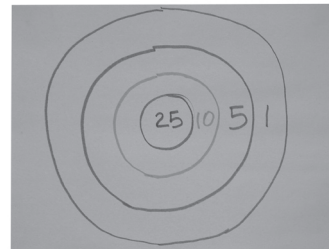
Supplies

- Markers
- Scissors
- Colored Paper



Think About It

Why do people think finding a penny is lucky?



? How could you use the wind?



Do You Know...

- ✓ Wind moves sailboats.
- ✓ Windsocks show wind direction.
- ✓ Airports have windsocks.



Other Languages

English wind
 French le vent
 Spanish el viento



Vocabulary

sailboats
 windsocks
 airports



Create It!

Invent a Windsock

1. This is 1 way to make a windsock. Design your own indoor windsock.

2. Decorate 1 paper with wind designs.

3. Roll it into a tube. Glue the edges together.

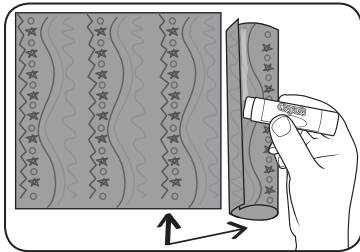
4. Decorate another sheet. Tear or cut it in strips. Make them different lengths.

5. Use 1 strip to make a handle. Glue it to 1 end of the tube.

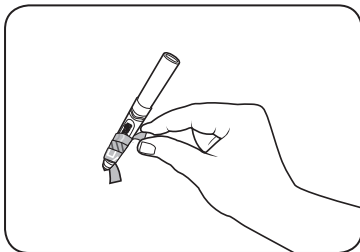
6. Curl other strips around a marker.

7. Glue them to the bottom of the tube.

Step
3



Step
6



Supplies

- Markers
- Colored Pencils
- Crayons
- Glue Sticks
- Scissors
- Colored Paper



Think About It

Where can you find wind chimes and other things that blow in the wind?

? Is it black or white?

Discover



Do You Know...

- ✓ Words with opposite meanings are called antonyms. Some examples are *good/bad* and *big/little*.
- ✓ The words *black* and *white* are antonyms.
- ✓ The colors *black* and *white* contrast with each other because they are so different.



Other Languages

English	opposite
French	les contraire
Spanish	le opuesto



Vocabulary

opposite
antonyms
contrast

Crayola

Dream~Makers



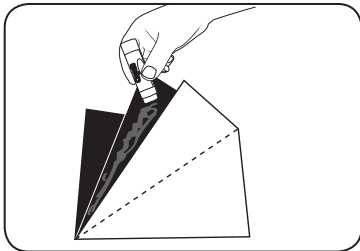
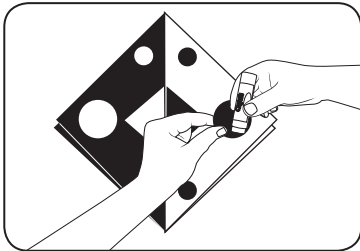
Language

1
2
3

Create It!

Antonym Ornament

1. Cut 2 large squares the same size, 1 black and 1 white. Fold them diagonally to make triangles. Reopen.
2. Glue 2 of the triangles together.
3. Cut 6 pairs of black and white shapes. Glue the 12 shapes to the opposite color sections of your project.
4. Write pairs of antonyms on or next to each shape.
5. Glue a paper handle to the top.

Step
2Step
3

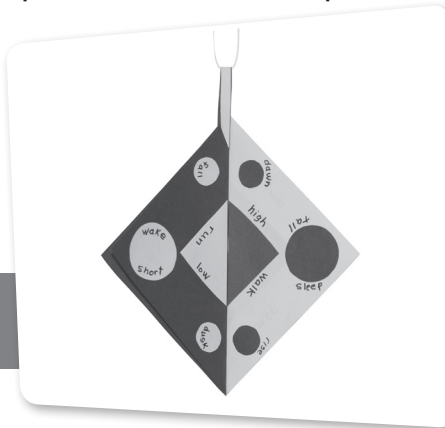
Supplies

- Markers
- Colored Pencils
- Crayons
- Glue Sticks
- Scissors
- White Paper
- Colored Paper



Think About It

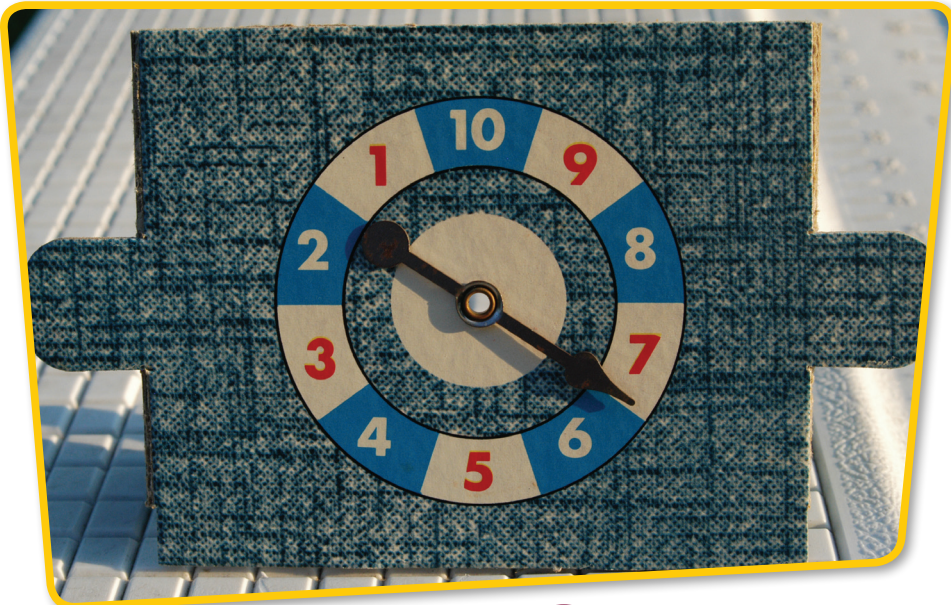
What other pairs of antonyms would make colorful ornaments?



Language

Explore

? How can I spin a winner?



Do You Know...

- ✓ Spinners are often used in games to make sure players have fair chances.
- ✓ Spinners are divided into sections.
- ✓ If a game is really fair, all players have an equal chance of winning.



Other Languages

English	fair
French	juste
Spanish	justo



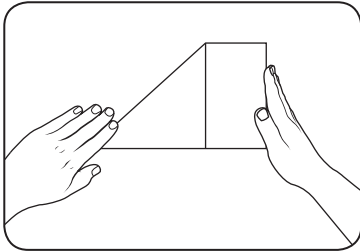
Vocabulary

chances
divided
fair
equal

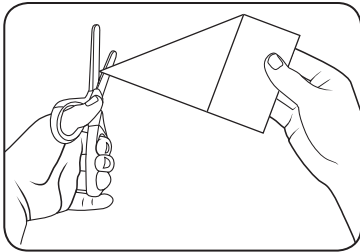


Play It!

Step
1



Step
2



Winner Spinner

1. Fold and cut paper into a square.
2. Fold the square in half 3 times to make a triangle. Cut a VERY tiny piece off the tip.
3. Unfold it. Use a marker to draw along the fold lines. Number each section in a different color. Cut off the corners.
4. Poke a colored pencil through the center of your spinner.
5. Twirl the spinner. The number that stops at your wrist is the winner!
6. Make a bar graph with 8 color-coded columns to match your spinner.
7. Spin at least 40 times. Record your results on the graph.



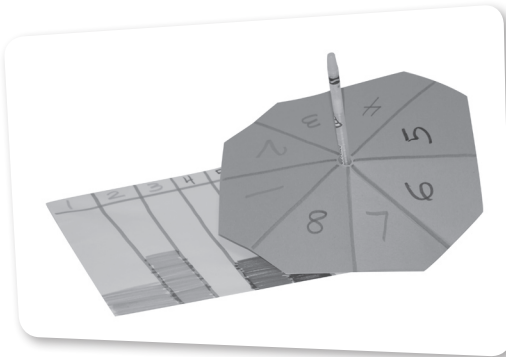
Supplies

- Markers
- Colored Pencils
- Scissors
- Colored Paper

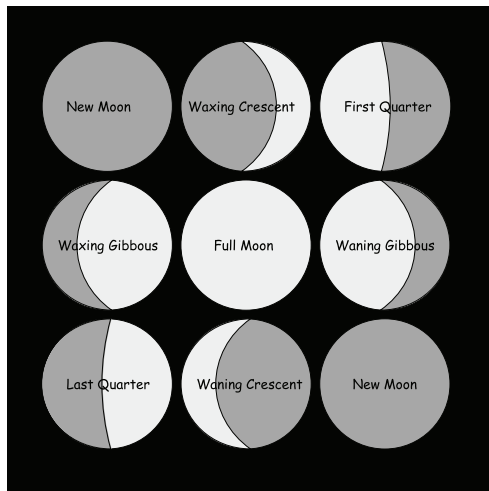


Think About It

How could you make a spinner that is unfair?



? What are the phases of the moon?



Do You Know...

- ✓ The moon moves around Earth in about 29 1/2 days. This is called a lunar month.
- ✓ The moon that we see from Earth looks slightly different every night of the lunar month. These views are called the phases of the moon.
- ✓ Phases of the moon are called waning crescent, new moon, waxing crescent, first quarter, waxing gibbous, full moon, waning gibbous, and third quarter.



Other Languages

English	lunar
French	lunaire
Spanish	lunar



Vocabulary

phases
waning crescent
waxing crescent
waxing gibbous
waning gibbous



1
2
3

Create It!

Lunar Phases Accordion Book

1. Fold dark paper in half horizontally or the long way. Cut it into 2 strips.
2. Fold both strips in half and in half again to make 4 sections each. Glue the strips end to end. Refold the sections back and forth to make an accordion strip.
3. Use the moon phase chart on the front of this card as a reference. Cut out moon shapes for each phase.
4. Glue the shapes in order on your book.
5. Label each phase of the moon.



Supplies

- Crayons
- Glue Sticks
- Scissors
- White Paper
- Colored Paper

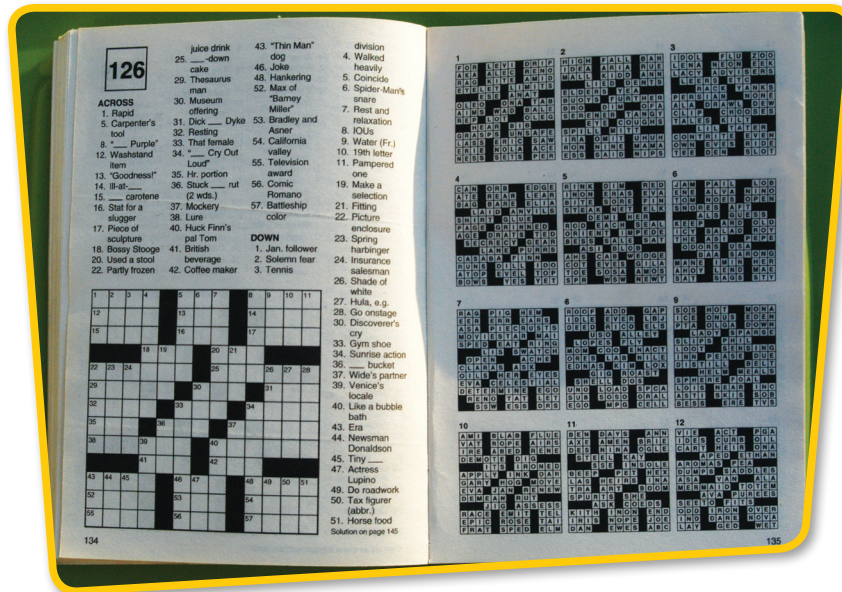


Think About It

Isn't it amazing that we really only see the moon as sunlight reflects off of it?



? How can I make new words?



Do You Know...

- ✓ A **root word** is the base part of a word. *Use, act, and decide* are all root words.
- ✓ Words can be changed by adding **prefixes** before the word. Some common prefixes are *de-, inter-, and trans.*
- ✓ **Suffixes** can be added after the word. Suffixes include *-ish, -ing, and -cian.*



Other Languages

English root word
French la mot-racine
Spanish la raíz de la palabra



Vocabulary

root word
prefixes
suffixes



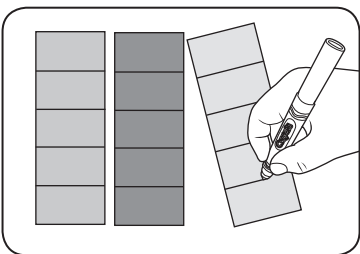
Dream~Makers™



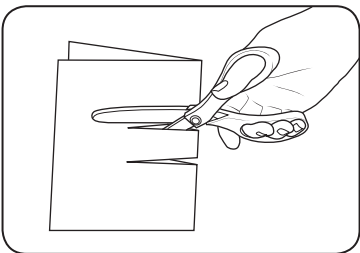
Create It!

Rocking Roots Word Maker

Step
2



Step
4



1. Cut 3 tall, 2-inch wide strips in different paper colors.
2. Draw lines across them that are an inch apart.
3. On 1 strip, write a simple root word on each line. On another strip, write common prefixes. Write suffixes on the third strip.
4. Fold another paper in half. In the middle of the paper, cut 2 slits across the folded line. Make the slits an inch apart and 3 inches long. Unfold.
5. Weave the word strips through the slits in order (prefix, root word, suffix).
6. Move the strips up and down to show 1 new word at a time. Try lots of combinations.
7. Write a list of your new words. Make sure you catch the spelling changes that often happen when suffixes are added.



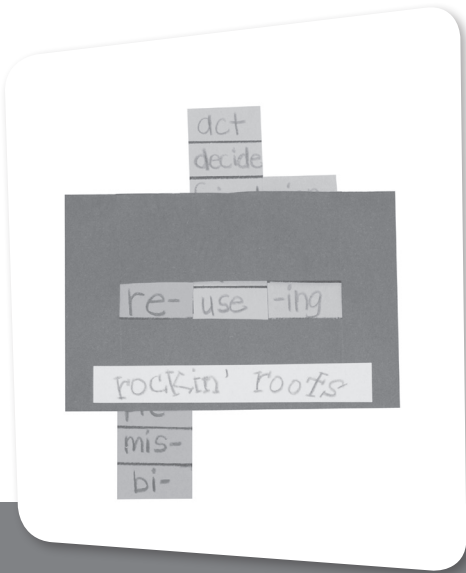
Supplies

- Markers
- Scissors
- Colored Paper



Think About It

What spelling rules apply when suffixes are added?



 How many factors can I find?



Vocabulary

factors
prime number
factor tree



Other Languages

English	tree
French	l'arbre
Spanish	un árbol



Do You Know...

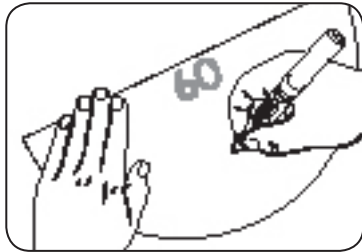
- ✓ Every number has at least 2 **factors**. Factors are numbers that, when multiplied together, form a unique product.
- ✓ A **prime number** is a number that has only 2 factors—itsself and 1.
- ✓ A **factor tree** is a diagram with branches that show a number's factors. Factor trees usually have prime numbers at the ends of the branches.





Create It!

Step
2



Branch Out

1. Cut paper into a large half-circle.
2. At the midpoint of the straight side, write a large number that is not prime (such as 24, 60, or 84).
3. Draw 2 lines branching out from the number. Write 2 factors, 1 at the bottom of each line.
4. Continue to split each factor at the bottom of the factor tree until all of the remaining factors are prime.
5. Write a multiplication equation around the rim of the circle using the prime numbers at the ends of the branches as the factors.
6. Roll the half circle into a cone and glue overlapping edges.



Supplies

- Markers
- Glue Sticks
- Scissors
- Colored Paper



Think About It

How many factors do you think 960 has? Make a factor tree to find out!



How can I remember which animals lay eggs?



Pyzanky Egg



Other Languages

English	an egg
French	un œuf
Spanish	un huevo



Vocabulary

dinosaur
Sauropod
wax resist



Do You Know...

- ✓ The largest dinosaur egg was found was in France. This Sauropod egg was 22 inches (30 cm) long.
- ✓ Sauropods typically laid eggs that were 7 inches (18 cm) in length.
- ✓ Pyzanky is a traditional Ukranian egg-decorating technique. Crafters use dyes and a wax resist technique to color the eggs in intricate patterns.





Create It!

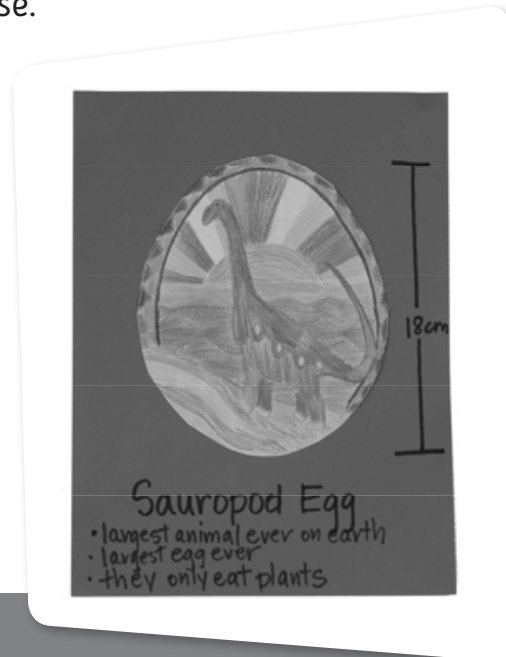
Sauropod on the Shell

1. Cut out a real-size paper Sauropod egg. Or choose another memorable egg-laying animal.
2. Glue the egg to a contrasting color of paper.
3. Decorate your egg using a Sauropod or other animal image.
4. Add elaborate pyzanky patterns to the egg.
5. Mark the size of the egg. Add any other information you know about the animal you chose.



Supplies

- Markers
- Colored Pencils
- Crayons
- Glue Sticks
- Scissors
- Colored Paper
- White Paper



Think About It

Which came first, the chicken or the egg?