

# UNIT 4: AROUND WE GO



Root Word	Meaning	Origin
cycl	circle	Greek
circ/circum	around	Latin
centr/center	middle	Greek



- cycle** (n) - a set of events or actions that happen again and again in the same order; a repeating series of events or actions  
*The water **cycle** consists of evaporation, condensation, precipitation, collection, and then back to evaporation.*
- cyclical** (adj) - happening again and again in the same order; happening in cycles  
*The seasons of Earth change in a **cyclical** manner.*
- cyclone** (n) - an extremely large, powerful, and destructive storm with very high winds that turn around in an area of low pressure  
*The spinning **cyclone** ripped trees right out of the ground.*
- circumference** (n) - the length of a line that goes around a circle or other round shape  
*In math we learned the formula for finding the distance around, or circumference, of a circle.*
- circuit** (n) - the complete path that an electric current travels along  
*In science we studied how electricity travels around in a **circuit** to power a light bulb.*
- circumstance** (n) - a condition that surrounds or causes an event to happen  
*A number of **circumstances** (broken alarm clock, traffic, and illness) caused me to be late to work today.*
- circumvent** (v) - to get around something in a clever and sometimes dishonest way  
*He tried to **circumvent** the password screen in order to gain access to her computer.*
- central** (adj) - located in the center of a thing or place  
*Guatemala is in **Central** America.*
- concentric** (adj) - when two or more objects share the same center point  
*You can use your compass to draw **concentric** circles.*
- eccentric** (adj) - tending to act in strange or unusual ways  
*Jamie definitely had an **eccentric** sense of style; she wore clothes and hairstyles that no one had ever seen before.*

# 4C: CHOOSE TWO

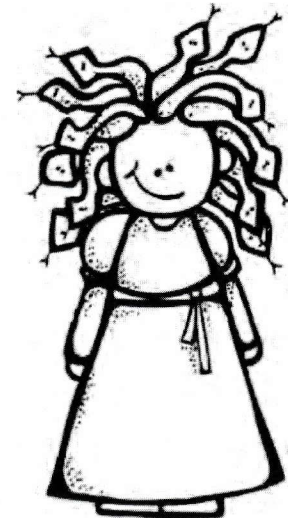
DIRECTIONS: Choose two words that BEST explain or define the bold root word.

- |                         |              |               |                |            |
|-------------------------|--------------|---------------|----------------|------------|
| 1. <b>cycle</b>         | a. repeats   | b. uncertain  | c. predictable | d. unknown |
| 2. <b>cyclical</b>      | a. irregular | b. recurring  | c. pattern     | d. random  |
| 3. <b>cyclone</b>       | a. spinning  | b. twister    | c. calm        | d. dry     |
| 4. <b>circumference</b> | a. outside   | b. inside     | c. center      | d. length  |
| 5. <b>circuit</b>       | a. broken    | b. continuous | c. flow        | d. end     |
| 6. <b>circumstance</b>  | a. effects   | b. cause      | c. outcome     | d. reasons |
| 7. <b>circumvent</b>    | a. bypass    | b. avoid      | c. arrange     | d. resist  |
| 8. <b>central</b>       | a. distant   | b. middle     | c. center      | d. edge    |
| 9. <b>concentric</b>    | a. same      | b. center     | c. congruent   | d. odd     |
| 10. <b>eccentric</b>    | a. typical   | b. different  | c. common      | d. unique  |

# 4D: ANALOGIES

DIRECTIONS: Circle the analogy that BEST matches the bold words.

- |   |  |  |
|---|--|--|
| 1. <b>ELECTRICITY : CIRCUIT</b><br>a) wheels : bicycle<br>b) light bulb : wires<br>c) electric : current<br>d) car : hood | 2. <b>CENTRAL : OUTER</b><br>a) middle : center<br>b) energetic : tired<br>c) location : area<br>d) town : street                  | 3. <b>CYCLONE : DESTROY</b><br>a) fire : spark<br>b) storm : flood<br>c) spin : twist<br>d) wave : tsunami                                     |
| 4. <b>CYCLE : REPEATS</b><br>a) patterns : random<br>b) grows : child<br>c) predator : preys<br>d) friend : teases        | 5. <b>CIRCUMFERENCE : CIRCLE</b><br>a) area : rectangle<br>b) circle : square<br>c) center : middle<br>d) perimeter : square       | 4. <b>CYCLICAL : RECURRING</b><br>a) random : unpredictable<br>b) relaxing : stressful<br>c) created : artificial<br>d) patterned : unexpected |
| 7. <b>CIRCUMSTANCE : CAUSE</b><br>a) round : circle<br>b) outcome : effect<br>c) problem : excuse<br>d) defend : reason   | 8. <b>CIRCUMVENT : VERB</b><br>a) storm : noun<br>b) cheat : honesty<br>c) deceive : adjective<br>d) approach : adverb             |  |
| 9. <b>ECCENTRIC : LIKENESS</b><br>a) illness : well<br>b) same : alike<br>c) generous : greed<br>d) strange : odd         | 10. <b>CONCENTRIC : CENTER</b><br>a) circles : size<br>b) area : rectangles<br>c) pattern : unpredictable<br>d) siblings : parents |  |



# 4E: TIME TO EXPLORE

DIRECTIONS: Sort the words from this lesson into the table below. Then find additional words with the same roots and place them in the appropriate column/row.

root	verb	noun	adjective	adverb
cycl				
circ/ circum				
centr/ center				

# 4F: APPLY WHAT YOU KNOW

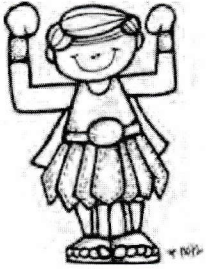
DIRECTIONS: Answer the questions below.

1. List specific examples of **cycles**.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. If you **circumvent** something you...  
\_\_\_\_\_  
\_\_\_\_\_
3. How is the meaning of **eccentric** related to the root "centr?"  
\_\_\_\_\_  
\_\_\_\_\_
4. What are characteristics of something that is **cyclical**?  
\_\_\_\_\_  
\_\_\_\_\_
5. What **circumstances** might cause you to lose sleep?  
\_\_\_\_\_  
\_\_\_\_\_



# 4A: SENTENCE COMPLETION

DIRECTIONS: Complete the following sentences with the correct word from your list. Each word will be used only once.



- cycle
- cyclical
- cyclone
- circumference
- circuit
- circumstance
- circumvent
- central
- concentric
- eccentric

1. The \_\_\_\_\_ of a circle is like the perimeter of a rectangle.
2. If you throw a stone into a pond it will make \_\_\_\_\_ circles on the water's surface.
3. In science there are a number of natural \_\_\_\_\_ that occur over and over again.
4. If there is a loose wire in your \_\_\_\_\_ the electricity will not flow through to the light bulb.
5. There seems to be a \_\_\_\_\_ nature in history as events appear to repeat themselves.
6. The bank robbers tried to \_\_\_\_\_ the security cameras by turning the power off in the building.
7. Kansas is one of the \_\_\_\_\_ states in the U.S.
8. The wind thrashed around violently as the \_\_\_\_\_ approached.
9. Everyone laughed at the inventor's odd and \_\_\_\_\_ ideas.
10. What \_\_\_\_\_ could affect your chances of passing a test?

# 4B: YES or NO?

DIRECTIONS: Respond to the following statements by circling "Yes" or "No."

1. **Yes No** A **central** location would be right in the middle of something.
2. **Yes No** A **circumstance** is the distance around the outside of a circle.
3. **Yes No** A **cycle** is unpredictable and random.
4. **Yes No** If you **circumvent** something you found a way around it.
5. **Yes No** **Concentric** circles all share the same circumference.
6. **Yes No** An **eccentric** person probably blends in with his/her peers.
7. **Yes No** The flow of water throughout the pipes in your home is an example of a **circuit**.
8. **Yes No** A **cyclone** gets its name from its circular rotation.
9. **Yes No** A circle's **circumference** is the same as its width.
10. **Yes No** Something can be described as **cyclical** if it has repeated phases or events.