

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

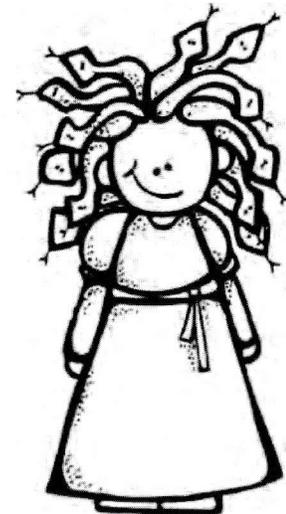
DIRECTIONS: Choose two words that BEST explain or define the bold root word.

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

4D: ANALOGIES

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

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

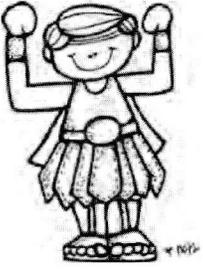
3. How is the meaning of **eccentric** related to the root "centr?"

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.