

Glowing Shapes Vocabulary

Overview:

Students review vocabulary associated with Unit 6: Glowing Shapes.

Objectives:

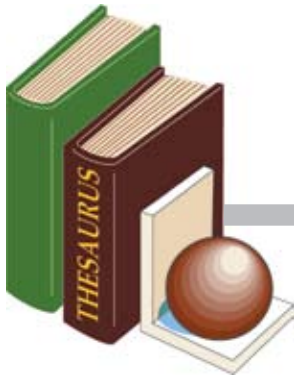
The student will match the following terms to their definitions: quiet arc, rayed band, corona, patches, long aurora rays, aurora substorm, and optical illusion.

Materials:

- *Aurora Alive* multimedia video playlist
- STUDENT WORKSHEET: “Anagrams”

Activity Procedure:

Hand out the STUDENT WORKSHEET: “Anagrams,” and ask students to unscramble the words based on the clues given. Allow students to review the video playlist to find the terms and their definitions.



Answers to Student Worksheet:

1. *quiet arc*
2. *rayed band*
3. *corona*
4. *patches*
5. *long aurora rays*
6. *aurora substorm*
7. *optical illusion*

Anagrams

Directions: Use the clues given to unscramble the corresponding words, and fill in the answer boxes

Clues:

1. This aurora shape looks like a thin green curtain that stretches from horizon to horizon. It occurs in early evening.
2. Late in the evening, this aurora shape has folds that look like pleats in a curtain. These pleats are vertical bars of light aligned with Earth's magnetic field.
3. When aurora rays or rayed bands appear directly overhead, they seem to spread out in all directions from a central point in the sky. This shape is an optical illusion.
4. This aurora shape is seen in the early morning. It appears similar to faint, puffy clouds and it pulsates, or blinks on and off.
5. This aurora shape appears in the early morning. It appears as single, isolated columns of light.
6. This is a burst of activity that makes the aurora oval brighten suddenly for two or three hours several times each day.
7. This is a misleading image.

Scrambled Words:

1. ITCQARUE (*two words*)
2. DYNAABDER (*two words*)
3. OCOARN
4. HEPACST
5. RRASRAOGNYAOLU (*three words*)
6. ORRASBSAMOUUTR (*two words*)
7. IOASTIOULCILPNL (*two words*)

Answers:

□□□□□	□□□
□□□□□	□□□□□
□□□□□□	
□□□□□□□	
□□□□ □□□□□□ □□□□	
□□□□□□ □□□□□□□□	
□□□□□□□ □□□□□□□□	