

# CRASHING PARTICLES VOCABULARY

## Lesson Summary:

Students review vocabulary associated with Unit 4: Crashing Particles.

## Objectives:

The student will match the following terms to their definitions: Angstrom, atmosphere, buffer zone, dense, high-altitude oxygen, lower atmosphere, nitrogen, oxygen, spectrum, and upper atmosphere.

## GLEs Addressed:

### Science

- [7] SB1.1 The student demonstrates an understanding of the structure and properties of matter by using physical properties (e.g., density, boiling point, freezing point, conductivity) to differentiate among and/or separate materials (i.e., elements, compounds, and mixtures).
- [8] SB1.1 The student demonstrates an understanding of the structure and properties of matter by using physical and chemical properties (i.e., density, boiling point, freezing point, conductivity, flammability) to differentiate among materials (i.e., elements, compounds, and mixtures).
- [9] SD3.2 The student demonstrates an understanding of cycles influenced by energy from the sun and by Earth's position and motion in our solar system by explaining the phenomena of the aurora.

### Reading

- [7] 3.1.4 The student uses strategies to decode or comprehend the meaning of words in text by determining the meaning of words in context, including content-specific vocabulary, words with multiple meanings, or precise vocabulary (e.g., vague vs. ambiguous).
- [8] 3.1.4 The student uses strategies to decode or comprehend the meaning of words in text by determining the meaning of words in context, including content-specific vocabulary, words with multiple meanings, or precise vocabulary (e.g., angry, vexed, segmented, segregation).

## Search Terms:

- Angstrom
- atmosphere
- buffer zone
- oxygen
- lower atmosphere
- nitrogen
- oxygen
- spectrum
- upper atmosphere
- vocabulary
- aurora
- Northern Lights