

SOURCE Lesson Plans Detail

Weather and Atmosphere

Topic	Earth Science
Program	Brown Science Prep
Developed by	Mark Sabbagh
Developer Type	Elementary students

Overview / Purpose / Essential Questions

What is the composition of air?

What is the purpose of air?

What are the layers of the atmosphere?

What is the ozone layer?

Performance / Lesson Objective(s)

Discuss three main purposes of gases in relation to protection for organisms, green house effect and the reduction of temperature extremes.

Lesson Materials

This lesson is presented in series of slides. Each slide information is given here .

Procedure

Use the presentation link to guide your discussion of Weather and Atmosphere.

Presentation

Alignment Info

Audience(s)	Middle school students
STEM Area(s)	Geological Sciences
Standard(s)	<i>Earth and Space Science (RI GSE) ESS1.7–8.4a</i> Students demonstrate an understanding of processes and change over time within earth systems by ... explaining cause and effect relationships between global climate and energy transfer. <i>Earth and Space Science (RI GSE) ESS1.7–8.4b</i> Students demonstrate an understanding of processes and change over time within earth systems by ... using evidence to make inferences or predictions about global climate issues.
Activity Type(s)	Lecture Hands-on
Grade Level(s)	8
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