

Group Directions for The Basics of Energy, Electricity, and Water Lesson

Group 1: Forms of Energy

Read pages 3 & 4 from 'The Energy of Moving Water-Student Guide' (link in Google Classroom). Use the Presentation Topic Organizer (page 32 of the Student Worksheets) and The Forms and Sources of Energy (page 33 of the Student Worksheets) to prepare a 5 minute group oral presentation.

If time remains before presentations begin, read pages 5 through 12 in the Reading Material and Reference Book.

Directions for Hydropower- Lesson 2: The Basics of Energy, Electricity, and Water Jigsaw

Group 2: Sources of Energy

Read page 5 from 'The Energy of Moving Water-Student Guide' (link in Google Classroom). Use the Presentation Topic Organizer (page 32 of the Student Worksheets) and the U.S. Energy Flow, 2010 (page 34 of the Student Worksheets) to prepare a 5 minute group oral presentation.

If time remains before presentations begin, read pages 3, 4, and 6 through 12 in the Reading Material and Reference Book.

Directions for Hydropower- Lesson 2: The Basics of Energy, Electricity, and Water Jigsaw

Group 3: Atomic Structure

Read page 6 & 7 (through 'Electron's') from 'The Energy of Moving Water-Student Guide' (link in Google Classroom). Use the Presentation Topic Organizer (page 32 of the Student Worksheets) and the Atomic Structure (page 36 of the Student Worksheets) to prepare a 5 minute group oral presentation.

If time remains before presentations begin, read pages 3 through 5, and 7 through 12 in the Reading Material and Reference Book.

Directions for Hydropower- Lesson 2: The Basics of Energy, Electricity, and Water Jigsaw

Group 4: Electricity and Electromagnetism

Read pages 7 (beginning with 'Magnets') & pg. 8 from 'The Energy of Moving Water-Student Guide' (link in Google Classroom). Use the Presentation Topic Organizer (page 32 of the Student Worksheets) and the U.S. Electricity Flow, 2010 (page 35 of the Student Worksheets) to prepare a 5 minute group oral presentation.

If time remains before presentations begin, read pages 3 through 7, and 9 through 12 in the Reading Material and Reference Book.

Directions for Hydropower- Lesson 2: The Basics of Energy, Electricity, and Water Jigsaw

Group 5:Measuring Electricity

Read pages 9 through 11 from 'The Energy of Moving Water-Student Guide' (link in Google Classroom). Use the Presentation Topic Organizer (page 32 of the Student Worksheets) and Measuring Electricity (pages 37 and 38 of the Student Worksheets) to prepare a 5 minute group oral presentation.

If time remains before presentations begin, read pages 3 through 8, & 12 in the Reading Material and Reference Book.

Directions for Hydropower- Lesson 2: The Basics of Energy, Electricity, and Water Jigsaw

Group 6: Characteristics of Water and the Water Cycle

Read page 12 from 'The Energy of Moving Water-Student Guide' (link in Google Classroom). Use the Presentation Topic Organizer (page 32 of the Student Worksheets) and The Water Cycle (page 39 of the Student Worksheets) to prepare a 5 minute group oral presentation.

If time remains before presentations begin, read pages 3 through 11 in the Reading Material and Reference Book.