

Alignment with Washington's Science Standards

This document evaluates the state's Education Standards for Science to determine alignment with content found in Cogno board games. Grades 3-8 were analyzed.



Highlighting Key

Indicates a significant amount of material addresses the standard

Indicates a moderate amount of material is present to develop student understanding of the standard

Essential Academic Learning Requirements—Science

1. **SYSTEMS:** The student knows and applies scientific concepts and principles to understand the properties, structures, and changes in physical, earth/space, and living systems.
To meet this standard, the student will:
 - 1.1. Properties: Understand how properties are used to identify, describe, and categorize substances, materials, and objects, and how characteristics are used to categorize living things.
 - 1.2. Structures: Understand how components, structures, organizations, and interconnections describe systems.
 - 1.3. Changes: Understand how interactions within and among systems cause changes in matter and energy.
2. **INQUIRY:** The student knows and applies the skills, processes, and nature of scientific inquiry.
To meet this standard, the student will:
 - 2.1. Investigating Systems: Develop the knowledge and skills necessary to do scientific inquiry.
 - 2.2. Nature of Science: Understand the nature of scientific inquiry.
3. **APPLICATION:** The student knows and applies science concepts and skills to develop solutions to human problems in societal contexts.
To meet this standard, the student will:
 - 3.1. Designing Solutions: Apply knowledge and skills of science and technology to design solutions to human problems.
 - 3.2. Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment.

Please note that use of these standards does not imply this state's endorsement of Cogno.