

Washington State Essential Academic Learning Requirements in Science (EALRs)

1. The student understands and uses scientific concepts and principles.

To meet this standard, the student will:

- 1.1 use properties to identify, describe, and categorize substances, materials, and objects, and use characteristics to categorize living things
- 1.2 recognize the components, structure, and organization of systems and the interconnections within and among them
- 1.3 understand how interactions within and among systems cause changes in matter and energy

2. The student knows and applies the skills and processes of science and technology.

To meet this standard, the student will:

- 2.1 develop abilities necessary to do scientific inquiry
- 2.2 apply science knowledge and skills to solve problems or meet challenges

3. The student understands the nature and contexts of science and technology.

To meet this standard, the student will:

- 3.1 understand the nature of scientific inquiry
- 3.2 know that science and technology are human endeavors, interrelated to each other, to society, and to the workplace

Washington State Commission on Student Learning
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