

STANDARDS

The “Find the Fire Danger” activity aligns with the following Arizona Department of Education Science Standards:

Grades 3-4

Strand 3: Science in Personal and Social Perspectives

Concept 1: Changes in Environments

Describe the beneficial and harmful impacts of natural events and human activities on the environment (e.g., forest fires, flooding, pesticides).

Evaluate the consequences of environmental occurrences that happen either rapidly (e.g. fire, flood, tornado) or over a long period of time (e.g. drought, melting ice caps, the greenhouse effect, erosion).

Concept 2: Science and Technology in Society

Identify ways that people use tools and techniques to solve problems.

Design and construct a technological solution to a common problem or need using common materials.

The “Find the Fire Danger” activity provides students with the opportunity to understand both the harmful and the beneficial aspects of wildfire in the Arizona wildland urban interface. Risk analysis considers the specific hazard in a particular ecosystem and the likely consequences. The ability to identify a simple solution to a problem prior to occurrence can reduce or eliminate risks.