

Ohio Model Curriculum Standards

Grade 5 (pg 36-37)

Scientific Inquiry

The learner will:

- Take responsibility for the care of supplies and equipment used in the investigations.
- Determine the likelihood of event outcomes, by identifying the casual factors and speculate what additional factors may contribute to a more accurate prediction.
- Report findings on the variability of observations accurately and ethically while engaged in scientific inquiry.
- Describe investigative findings to classmates and support the findings with evidence.
- Invent, describe and carry out simple sampling investigations.
- Observe discrepant events and propose and test explanations of what happened.

Scientific Knowledge

The learner will:

- Investigate conditions that affect the motion of objects.
- Investigate various prosperities of groups of objects.
- Investigate easily measured distances.

Conditions for Learning Science

The learner will be:

- Constructing a portfolio of products
- Contributing to and maintaining a safe, healthful, and efficient learning environment.
- Optimizing the individual contributions made by cooperative group members.
- Examining and refining personal understanding of scientific concepts.

Applications for Science Learning

The learner will be:

- Explaining the operations of everyday devices based upon scientific principles.
- Analyzing and cooperatively working toward resolutions of disagreements.
- Participating actively in dialogue.