

Bridging Forces

Correlation to National Science Education Standards:

National Standards to which this program aligns

National K-4

Physical Science: B

* Position and Motion of Objects: Position and motion of an object can be changed by pushing or pulling .

Science and Technology: E

*Abilities of Technology Design: Propose a Solution; Evaluate a Product or Design.

5-8

A

*Abilities necessary to do Scientific Inquiry: Design and conduct a scientific investigation

Physical Science: B

*Motions and Forces: If more than one force acts on an object ...reinforce or cancel...unbalanced forces.

Science and Technology: E

*Abilities of Technological Design: Implement a Proposed Design.

MISSOURI GRADE LEVEL EXPECTATIONS:

3rd Grade:

Strand 7 Scientific Inquiry: 1Ab, 1Bb

4th Grade:

Strand 2 Force & Motion: 2Da, 2Db

Strand 7 Scientific Inquiry: 1Ac, 1Bb

5th Grade:

Strand 7 Scientific Inquiry: 1Ac

7th Grade:

Strand 2 Force & Motion: 2Da, 2Db, 2Dc