



Free Throw Workshop

Next Generation Science Standards
International Society for Technology in Education Standards
Common Core State Standards

Free Throw (Grades: 3-5) **Subjects Covered: Science, STEAM**

Students will explore the motion of a basketball when scoring a three-point throw and will observe and measure the basketball's motion to recognize a pattern, record data and make predictions. Will they be able to score a perfect basket every time?

Education Standards

NGSS 3-PS2-2, ISTE: 4c, 7c, CCSS.ELA-LITERACY.SL.1

NGSS 3-PS2-2

Physical Science. Motion and Stability: Forces and Interactions. Students who demonstrate understanding can; Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion.

ISTE 4c

Innovative Designer. Students develop, test and refine prototypes as part of a cyclical design process.

ISTE 7c

Global Collaborator. Students contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.

CCSS.ELA-LITERACY.SL.1

Language Arts. Speaking and Listening Standards. Participate in collaborative conversations with diverse partners about grade 1 topics and text with peers and adults in small and larger groups.

Next Generation Science Standards, International Society for Technology in Education
Standards & Common Core State Standards