



Teacher Resource

Design Engineering Technology

Grades 3-5

We are so excited to have you utilize our Stem with Storm videos in your classroom! Innovation One and Education One have partnered together for some fun with our campus mascot, Storm, to share his love of learning with STEM- Science, Technology, Engineering and Mathematics with students near and far demonstrating some fun experiments directly aligned to Indiana State Standards!

The enclosed follow-up activities can be utilized for extended hands-on learning for your scholars. Our goal is to get those young brains thinking and spark the imagination and love of learning of future professionals!

Let's Learn Together with Storm!



A partnership of:



Indiana Standards Connection:

Science Standards:

3-5.E.1: Identify a simple problem with the design of an object that reflects a need or want. Include criteria for success and constraints on materials, time, or cost.

3-5.E.2: Construct and compare multiple plausible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.

3-5.E.3: Construct and perform fair investigations in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.

Classroom Extension:

DESIGN A COASTER



Can you believe people get paid to design roller coasters? Draw your ideal roller coaster. Will it have lots of loops, hills or just be a scenic ride?

What will the car look like?

Tell me all about your roller coaster?
