



Teacher Resource

Design Engineering Technology

Grades K-2

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:

K-2.E.1: Pose questions, make observations, and obtain information about a situation people want to change. Use this data to define a simple problem that can be solved through the construction of a new or improved object or tool.

K-2.E.2: Develop a simple sketch, drawing, or physical model to illustrate and investigate how the shape of an object helps it function as needed to solve and identified problem.

K-2.E.3: Analyze data from the investigation of two objects constructed to solve the same problem to compare the strengths and weaknesses of how each performs.

ROW ROW ROW YOUR BOAT



THERE ARE SO MANY DIFFERENT KINDS OF BOATS. THERE ARE PIRATE SHIPS,
NAVY SHIPS, CRUISE SHIPS, FISHING BOATS AND SO ON.

IN THE VIDEO THE STUDENTS DREW A PICTURE OF A BOAT. DRAW ANY BOAT THAT COMES TO YOUR MIND. COMPARE
YOUR BOAT TO OTHER STUDENTS IN THE CLASS. DID THEY DRAW THE SAME BOAT OR A DIFFERENT ONE? ARE
THEIR BOATS BIGGER OR SMALLER, DIFFERENT COLORS? WHAT WILL YOUR BOAT BE MADE OF? WHAT CAN YOU DO
TO IMPROVE YOUR BOAT? WHY DO WE NEED SO MANY DIFFERENT TYPES OF BOATS?

A large red rounded rectangle frame, intended for a student to draw a boat inside it.