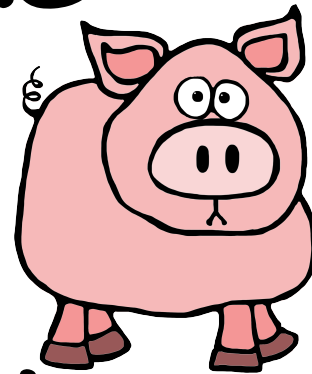


THE 3 LITTLE PIGS STEM CHALLENGE!

Science*******T**echnology*******E**ngineering*******M**ath

OUR MATERIALS:

- Dots (12 each)
- Toothpicks
- Pig - must fit inside the house!
- Paper plate



OUR EXPERIMENT:

We built our houses using only 12 Dots and toothpicks.

After building our houses, the “Big Bad Wolf Blow-dryer” tried to blow our houses down!

Check out our lab sheets to see the results!



SCIENCE STANDARD:

Investigation and Experimentation:

4. Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept and addressing the content in the other three strands, students should develop their own questions and perform investigations.

Students will:

- a. Draw pictures that portray some features of the thing being described.
- b. Record observations and data with pictures, numbers, or written statements.

SCIENCE STANDARD:

MATH STANDARD:

Geometry:

Reason with shapes and their attributes.

[CCSS.MATH.CONTENT.I.G.A.1](#)

Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.

[CCSS.MATH.CONTENT.I.G.A.2](#)

Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.

MATH STANDARD:

Thank you to the following contributors for their AWESOME clipart, fonts, & borders:



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downloading!

All worksheets & activities were
made by me, Kelly Smith! If you
have any questions, or would like to
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