Aluminum Boat Challenge

https://www.sciencebuddies.org/stem-activities/aluminum-foil-boats-float

Egg Drop Challenge:

https://buggyandbuddy.com/stem-kids-egg-drop-project/

Paper Strength Challenge:

http://creeksidelearning.com/stem-activities-for-kids-how-strong-is-a-piece-of-paper/

How many books a piece of paper can support when folded

creeksidelearning.com

Paper Building Blocks:

https://babbledabbledo.com/science-for-kids-paper-building-blocks/

Paper Building Blocks

babbledabbledo.com

Paper Airplane Cargo Challenge:

https://kidsactivitiesblog.com/77853/stem-paper-airplane-challenge

Shoe Box Marble Run:

https://frugalfun4boys.com/build-marble-run-craft-sticks/

Build a Marble Run with Craft Sticks

<https://frugalfun4boys.com/build-marble-run-craft-sticks/>

Bridge Challenge:

https://frugalfun4boys.com/engineering-for-kids-build-a-bridge-with-straws-and-straight-pins/

Spaghetti Challenge:

https://frugalfun4boys.com/strong-spaghetti-stem-challenge-kids/

Spaghetti marshmallow challenge:

https://tinkerlab.com/spaghetti-tower-marshmallow-challenge/

Paper Tube Marble Run:

https://tinkerlab.com/toilet-paper-roll-marble-run/

Playdoh Marble Run:

https://frugalfun4boys.com/marbles-play-dough-stem-challenge/

Stick Raft Building Challenge:

https://kidscraftroom.com/stick-raft-building-stem-project/

Stick Raft Building STEM Project

<https://kidscraftroom.com/stick-raft-building-stem-project/>

At Home Volcano:

http://www.sciencefun.org/kidszone/experiments/how-to-make-a-volcano/

Volcano Science Experiment

<http://www.sciencefun.org/kidszone/experiments/how-to-make-a-volcano/>

At Home Foam Science Experiment:

https://www.playdoughtoplato.com/minty-reindeer-toothpaste/

Hot Ice Experiment:

https://www.playdoughtoplato.com/kids-science-experiment-hot-ice/

Hot Ice Science Experiment - Playdough To Plato

[www.playdoughtoplato.com](http://www.playdoughtoplato.com)

Rainbow in a jar:

https://www.playdoughtoplato.com/rainbow-jar/

Crawling Colors Experiment:

https://parentingchaos.com/crawling-colors-color-mixing-science-experiment/

Crawling Colors! A FUN Color Mixing Science Experiment

<https://parentingchaos.com/crawling-colors-color-mixing-science-experiment/>

Lego Challenge Cards:

<https://thestemlaboratory.com/lego-challenge-cards/>

Pretzel & Marshmallow structures:

https://thestemlaboratory.com/pretzel-and-marshmallow-structures/