

2022 SUMMER HOLIDAY PROJECT!



Welcome to your STEAM newsletter! We hope you enjoy these fun activities during the Summer break with your families! Please send your photos to admin@tritlington.northumberland.sch.uk

S

Question, experiment, test and observe

Padding Pool Experiments

Why not try some of these [water-based experiments](#) next time you have the paddling pool out during the hot summer weather. Lots of fun and you keep cool too!



T

Process and connect information

Circuit Bugs

This is a fun, hands-on technology activity. Check out the [Circuit Bugs Tutorial Video](#) to learn what to do. Please make sure an adult works with you on this one!



E

Invent, evaluate and improve

Design a Bottle Rocket

Get creative and [design and make a bottle rocket](#). How far can you get it to launch? Remember to stand well back as these can go off with a bang!



A

Explore and express

Make a Walking Rainbow

Use just the primary colours to explore colour mixing and watch a [rainbow](#) form before your eyes! This activity teaches colour theory, capillary action, scientific method and engineering.



M

Use tools and structures

Build a pool noodle periscope

A great engineering challenge that explores the science of image refraction, this [pool noodle experiment](#) is a fun project and use for old pool noodles that will have your kids running about like spies! Learn about reflections and learn about maths, measurements and angles.

