



Welcome to our first STEAM newsletter! You will receive a newsletter each half term. Complete any or all of these fun challenges with your families! Please send your photos to admin@tritlington.northumberland.sch.uk

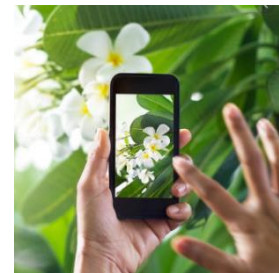
S
Question, experiment, test and observe

Grow your own food
Did you know there are many common vegetables that you can re-grow from scraps? This can be a great way to save money but it can also help to reduce the amount of food waste that you generate in your home. Here are a few vegetables you can re-grow: potatoes, garlic, carrots and lettuce. Find out more here: <https://www.ruralsprout.com/regrow-vegetables>



T
Process and connect information

What flora is around us?
Identifying a plant is interesting to all plant lovers, whether we are talking about houseplants, outdoor plants, or the ones you find on your walk. By knowing what we are looking at, we'll be able to identify the needs of particular plants and successfully care for them. However, there are so many species to identify so, with permission of your adults, why don't you download one of these free apps to learn more about plants?
PlantNet iNaturalist Plantsnap



E
Invent, evaluate and improve

Oil spill challenge!
Clean up an "oil" from a [simulated oil spill disaster](#) that includes feathers to represent marine life, to increase your understanding of an oil spill disaster and the environmental consequences.
Oil spill: container, vegetable oil (amount depends on the container, use 1:4 oil to water ratio), cocoa powder-to mix with the oil and make it look like crude oil, bird feathers. **Method to clean up:** cotton balls, sponge, plastic spoons, washing up liquid, plastic cups to put soap and cotton balls in.



A
Explore and express

Can plastic waste become an element of art?
The problems related to the use (and abuse) of plastic are well known. While experts warn that, at this rate, by 2050 there will be more plastic than fish in the sea, some people have found a way to use the offending material in a very creative way. Even make something beautiful out of it.
Create a sculpture out of recycled plastic! It could be a plant, an animal, a cartoon character or even something abstract.



M
Use tools and structures

Weather predictions!
Try to find three different weather forecasts for your area. You could listen to weather reports on the radio, watch them on the television, read them in the newspaper or find out online. Collect information for a week about the predicted temperatures and the predicted rainfall. Keep a record of what the weather is actually like on the day and compare it with the predictions.

