

# Family Enrichment Activities

Supporting your children outside of the classroom



## Spring Term

### Science



## INSPIRATION

### Some Activities to Try!

#### The Egg Drop Challenge

Make an egg parachute using only materials found in the house.

More ideas around the egg-drop challenge are [suggested here](#).



Please send us the fab pictures of your work to Miss Glenister at [nglenister@grange.bucks.sch.uk](mailto:nglenister@grange.bucks.sch.uk)  
We would love to see what you have been getting up to! We would also love to share these via the school's social media platforms and website. Prizes for the most creative are up for grabs!

#### Making Waves with Chocolate

Investigate electromagnetic waves by placing a bar of chocolate into a microwave without a turntable (but in a container) and heat on the lowest power for about 30s to see the waves form on the chocolate!



#### Reversible Changes with Chocolate Experiment

Melt chocolate and then resolidify it in a freezer to observe changes in texture, gloss, and "snap," demonstrating how cocoa butter crystals rearrange.



#### Designing Your Own Solar System Using Decorated Eggs

Using oil, vinegar and an assortment of food colouring, decorate eggs to look like planets.

[Check out this website here for instructions](#)

If space is not your chosen theme, you could decorate eggs in various colours to make your Easter egg hunt more colourful. [Check out the instructions here](#)



#### Melting Points and Fat Content

Place different types of chocolate e.g. white, milk, and dark chocolate in the sun or on a warm surface to see which melts fastest.

Generally, higher fat content leads to faster melting.

