



STEM Week Challenges

Try out these challenges over half term before our STEM Week on Monday 24th Feb!

Family Challenges

Do science with me! Take a coin or elastic band or paper clip. What science can you do with these objects? Be as creative as you want!

Design and Create: Could you think of a fantastic idea or a problem to solve? Draw and label your design. Then you could even make it using different materials. Why not upload it to the Little Inventors website? <https://www.littleinventors.org/>

Architecture: When you are out and about look at the different architecture in your street and surrounding area. What do you notice? Is this different to other places you might visit? Why do you think certain buildings have been designed like they have? Can you design or redesign a building or area?

Interview someone who works in STEM: Speak to someone you know who works in STEM. Create your own questions or ask: What do they do each day? How did they train to do what they do? What skills do they need? What is their biggest achievement?

Try a STEM Challenge! Have a go at some simple challenges using everyday household objects. There are lots of ideas here. <http://www.physics.org/marvinandmilo.asp>

Local Science Walk Go for a walk in your local area. What different science can you observe happening? You could collect things to create a collage or picture.

Explore Visit a free landmark or museum in the North East. What is the link to STEM in history? How has that impacted on our lives today?

Budgets How much is in your piggy bank? Can you keep a record of how much you spend over the week? Can you stick to a budget set out by your family members?

Homework Competition:

Science in Stories

As you read your book over the holidays, have a think about what links to science there are in the plot or setting.

Take a picture of yourself with the book and add a short annotation (you could use PicCollage or something similar) about the science you spotted.

Either print it off (ideally A5) and bring it to school or post to our Facebook or Twitter feeds. Please make sure your name and class are on the entry and return by Wednesday 26th Feb.

A lucky winner from Early Years, Key Stage 1, Lower Key Stage 2 and Upper Key Stage will be receive a prize from Mincoffs Solicitors in Friday's assembly.

Mincoffs
SOLICITORS