

KEY STAGE 2 Home Learning Projects

3/4 S/MB/J

The children in Key Stage two will be taking part in ‘Creative Homework Projects’ that we would like them to complete over the coming weeks. The project for this half term is “Mighty Metals”

We look forward to seeing the results and would like all the children to bring their completed projects into school the week beginning Monday 7th December 2016 so that they can share and celebrate each other’s talents before the end of term. We would ask that this project reflects five weeks’ worth of work, and demonstrates the children’s own work, although we really appreciate your support in helping them complete their homework. The children should complete at least one piece of work, but may complete more if they would like. If school can help with resourcing the project please let us know.

Thank you for your continued support.

Mrs Stacey Miss Mayo-Braden Mrs Jones
 Mrs Moore Mrs Fannon Mrs Wainman Mrs Fay Mrs Thomas

<p><u>Magnetic treasure Hunt</u></p> <p>Why not go on a magnetic treasure hunt in your house and see how many magnetic objects you can find. What are they all made of?</p>	<p><u>Robots</u></p> <p>Research some of the jobs carried out by robots. What tasks do you think robots could do in the future? What job would you like a robot to do in your house?</p>	<p><u>Metal facts</u></p> <p>Use non-fiction books and the web to find out and make facts about metals of your choice.</p>
<p><u>Design your perfect playground</u></p> <p>How would you use the space you have to create a perfect playground? What equipment would you have in it? What would they be made of? Draw and design them.</p>	<p><u>Metal artwork</u></p> <p>Search the web to find artwork made using metal and make a collage or scrapbook of downloaded images. Remember to annotate your work, to just print images.</p>	<p><u>Metal music</u></p> <p>Choose and find out all you can about a musical instrument made from metal. It could be an orchestra instrument or something more unusual. In fact you might design one of your own.</p>
<p><u>Fun fridge magnets</u></p> <p>Design and make a fridge magnet, either as a gift for someone or to commemorate a special event.</p>	<p><u>Missing metal</u></p> <p>Imagine...you wake up and all the metal in the world has vanished! Write a story about your day. How is everyday life different without metal?</p>	<p><u>King Midas</u></p> <p>Find out about King Midas and his golden touch. What was his golden touch? Can you retell the story in either writing or pictures? Maybe as a cartoon strip.</p>

Maths

To support your child with their maths here are some great ideas:

Children must know ALL their tables by the end of Year 4 so any chance to recite them with your child is great. Not just 3x4 but 4x3 and $12 \div 3 = 4$ and $12 \div 4 = 3$. Children learn well to music so a tables CD is an excellent idea, or have a look at the versions by Mr DeMaio on Youtube.

Try adding and subtracting numbers while you are driving along. You could look at the phone numbers of shops on their leaflets and add them up. Or what happens if you add all the digits of your mobile phone number?

Telling the time is a key skill for all children. Many children only ever see a digital clock on things like a mobile phone. Talk to children about what time it is on an analogue clock. What time does the big hand show and the small hand? Is it minutes past or minutes to? What will the time be in half an hour is also an important skill.

Special sessions!

PE coaching sessions with Sam continue for all KS2 children on Wednesdays. Swimming sessions at the Dolphin Centre will continue for the Year 4 children who started swimming last half term. Mme Brooker will be teaching French on a Friday morning with Class 3/4 MB for this half term.

As always please ensure PE kits are always in school to enable your child to benefit from these sporting opportunities

Our topic this half term is Mighty Metals

We are looking forward to the second half of the autumn term where our learning will be based on our Mighty Metals topic. This is a super half term full of exciting opportunities for the children. The Tin Forest and Iron Man stories are super, high quality texts that we will be using to support writing with the children. In the run up to Christmas there will be many exciting events planned including the fantastic art installation the children will be creating.

English

How can you help your child in English?

Here are some great ideas:

- We have a reading challenge over a half term where children are expected to read at least 3 times a week at home.
- Talk to your child about the book you are reading, are they enjoying it? Support them to explain what they are enjoying about the book and try to compare books by the same author to explore the writing style of that author
- Focus on word types and ask your child to select the noun, verb, adjective, adverb and conjunction in the sentence you have just read. This will reinforce the grammar learning at school.
- Talk to your child about what type of book they are reading. For example, is it a fiction book or a non-fiction book? Explore the contents page and index for non-fiction and characters and paragraphs and chapters for fiction books.

Topic

Our Science learning will be based around the topic of Forces and Magnets and will involve some learning around the Electricity topic too. The learning opportunities will include planning and carrying out an investigation into friction. Children will be using recycled old materials such as metals, bottle lids and wrappers to design and build a fantastic installation of the Tin Forest. In Geography we will be using compass points and grid references to investigate places. In DT the children will be using embossed foils and creating a setting in a shoe box.

Unlocking the learning at home....we are looking forward to receiving some fantastic examples of home learning. Fabulous examples of home learning are always on display in the main entrance and for any of the children who need resources to complete their home learning, we can help out with supporting this. Please ask your child's class teacher if you would like support with ideas or resources for home learning; we believe it is very important that every child has the opportunity to engage with learning at home.