



'ad omnia paratus'



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## WHOLE SCHOOL SCIENCE HOMEWORK PROJECT

Parents/Carers

This spring, we are looking forward to celebrating British Science Week's theme 'innovation for the future', commencing 8<sup>th</sup> March by setting a challenge for all children in FS, KS1 and KS2. Innovation is a constant cycle to improve the world we live in, just like how we had to be innovative to start learning online at home using new technology. Without all these amazing inventions, we wouldn't have things like ipads, computers, zoom or whatsapp to keep us in touch with all our friends and family. But innovation isn't just about technology, it can be anything.

*Did you know the basic tin can opener wasn't invented until nearly 50 years after they invented the can of food! I wonder how we would have opened our tin of beans if this wasn't invented?*

Therefore, our challenge for you is to create a new invention that would be great for our future. The invention could be as simple or as creative as you want it to be. We would like you to present your work in any way you see fit. It can be done with a simple drawing, using technology or you could use household items to help create your invention. I've included some ideas below to get you started but you could make a new gadget, a new material or create a new app.

- A solar brick that uses the sun to heat your house.
- A robotic guide dog to help the blind.
- A sound blast drum to put out forest fires.
- A flying plate that carries your dirty dishes to the kitchen.
- A self piloting car for when you are feeling poorly at the wheel.
- Virtual reality gloves for hairdressers to be able to cut hair from a distance.

Your ideas can be as creative as you like. However, we would like you to include a few things with your invention:

1. You must give your invention a name.
2. You must show a detailed design of your invention and label the different parts.
3. You must explain what it does and how it will improve our lives.

We would like you to use this last week at home to complete the task. You do not need to submit your work to your class teacher via Teams. Instead, we ask you to bring in your design to school on Monday 8<sup>th</sup> March, for the start of British Science week. We will use this work on our first week back to celebrate your home learning and talk about all your different ideas.

In previous years, we have been overwhelmed by the wide variety of work produced from all our children from FS through to year 6 and we are extremely excited to see how creative you can be this year. We hope you enjoy working together to discover the joy of innovation and we will have a prize for a few of the best inventions and presentations that come back into school on the 8<sup>th</sup> March. Again, we would like to take this opportunity to thank you for your support and look forward to seeing your ideas.

Mrs Langdown  
Science Lead

