

# Incredible Inventions

## Year 4 Homework Summer Term 2021

### Welcome to your Summer Term Homework.

This term we are learning about Electricity and Sound. Including designing and making a pop-up book with moving parts. We will then be exploring famous inventions and inventors that have contributed to our society.

We hope you enjoy the tasks and we look forward to sharing completed work in school. As we are limited in what we can share in class you could email photos or videos to: [Year4@billingshurstprimary.org.uk](mailto:Year4@billingshurstprimary.org.uk).

### Who do you think deserves an award?

Who deserves to win an award for something they have contributed to our society?

It could be for an invention, for a book, artwork, a famous speech, for sport or for something else.

Tell us all about them and why they deserve it.



### If you had £2000 ...

If you had £2000 what would you spend it on? You have to choose at least 6 things and research their price. Then work out how much money you have left. You need to keep a record of everything you would buy. Can you spend exactly £2000?

### My Invention

Come up with an idea for an invention that would change the world. What would it do?

How would it work? What would it look like? You can present your ideas any way you like. We would love to see some models!

### What is the greatest invention?

During this term we will look at different inventions and discuss which was the greatest and why. This is your chance to explore the one you think is the best. Why is it so great? Who invented it and when?

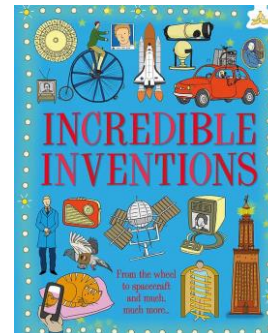
### If we didn't have electricity...

Think about what life would be like if we didn't have electricity. What would change? How would your life be different? You could make a documentary or create a presentation.

### Coding – Scratch

We are doing a series of lessons on coding using the free website Scratch.

Can you use the website to create your own sequence of coding to show to us? Remember the sprites and backdrops that are available. Then look at how you can move using a variety of commands.



Can you design and build your own Iron Man like the one in Ted Hughes' book? Use the description of him to design the model. Use the techniques we have picked up in DT to help you to join the parts. You could even design a set of the junkyard for him to be in.

### Worth a visit.....

We are a little restricted until everything opens fully, but here are some websites that you may find interesting:

<https://www.amberleymuseum.co.uk/>  
<https://www.littleinventors.org/>  
<https://www.bbc.co.uk/bitesize/topics/zw44jxs/resources/1>  
<https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks2-what-makes-a-good-inventor/z79mf4j>