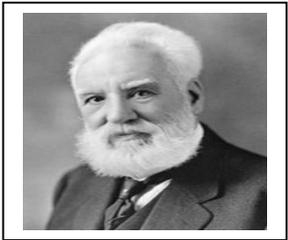


Learning Project WEEK 12- Inventions

Age Range: Y3

Activity support sheets are in the week 12 folder on Google Drive.

Weekly Maths Tasks (Aim to do 1 per day)	Weekly Reading Tasks (Aim to do 1 per day)
<ul style="list-style-type: none"> Complete work set on Times Table Rockstars – Focus on Studio and improving your Rock status. Complete some of the daily maths tasks on the Drive in Maths (in week 12 folder) Sumdog Focus: Graphs, charts and tables. Complete skills practise. Do the assessment on Friday. <ul style="list-style-type: none"> Try this challenging maths challenge! https://nrich.maths.org/1130 Go on White Rose Home Learning. The resources are in the shared folder. Watch video then complete tasks. One for each day (Focus: Angles, shape and time) Daily High 5s – see sheet (in week 12 folder). Create your own bar graph by asking your family and friends what their favourite colour or food is. How many items of each type of cutlery (or similar) do you have? Complete a tally chart recording how many forks, spoons e.t.c you have – Can you then create a graph with this information? Continue to practise telling the time with your adult using clocks in your house. This online game is good practise too! https://mathsframe.co.uk/en/resources/resource/116/telling-the-time 	<ul style="list-style-type: none"> Choose your level of challenge and complete the daily reading comprehensions. Share a story together. This could be a chapter book where you read and discuss a chapter a day. Complete an Accelerated Reader quiz. Watch Newsround and discuss what is happening in the wider world. Encourage your child to find out about an invention using the Internet, or encyclopedia and discuss the meaning of any new vocabulary, especially technical words! Complete a book review for a title you have recently read, or a favourite book you would recommend to others. (Template on drive.) Open your book to any page and write down all the nouns that the author uses. Challenge – Can you also write down all of the adjectives and verbs on the page? Can you think of an alternative ending for a book you have recently finished? Challenge – Can you write your alternative ending? Write a new blurb for the book you are reading, or a book you have recently read and make it sound as exciting as you can.
Weekly Spelling and grammar Tasks (Aim to do 1 per day)	Weekly Writing Tasks (Aim to do 1 per day)
<ul style="list-style-type: none"> Go on Sumdog and practise your spellings. Your child could create a list of useful inventions and practise spelling these words. Practise your spellings by playing the spelling board game with a partner. (Board saved on drive.) Practise the next ten words on the Year 3/4 spelling list. Complete the daily spelling and grammar activities saved on drive. Write each word across and down, sharing the first letter: W h e n h e n Write silly sentences with a spelling word in each sentence. Underline your spelling words. Example – My cat <u>wears</u> a yellow hat when she goes dancing. 	<ul style="list-style-type: none"> “I wish computers and games consoles had never been invented!” Can you list some reasons why adults might sometimes say this to their children and explain whether you think they are right or wrong? Which invention is the most important, the motor vehicle or the Internet? Can you think what the world would be like without these and write about which one you would choose. Complete a piece of writing using the daily writing prompts saved on drive. Work through some of the activities in the ‘Journey to the jungle’ talk for writing booklet, which is saved on drive. Can you find out who invented the telephone and create a fact-file about this inventor? <div style="display: flex; justify-content: space-around; align-items: center;">   </div>

Learning Project – Become an inventor: To be completed throughout the week.

The project this week aims to provide opportunities for your child to invent something amazing to solve a problem! Learning will involve thinking up ideas, planning, designing, creating and evaluating their end product!

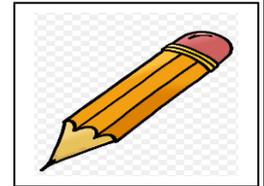
- **Monday – Let's talk about problems we need to fix!**

- Talk as a family about problems that an amazing invention might fix. This could be something at home, for example a machine that makes everyone's lunch, or an imaginative idea such as a teleporter to transport people across the world. Create a list of everyone's amazing ideas!



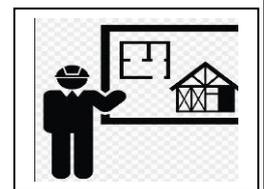
- **Tuesday – Let's design our invention to fix our problem!**

- Choose one of the amazing invention ideas, you or your family have come up with and design it on paper. Can you label your design, to show what each part of your invention does and can you add colour to make it stand out from the crowd!



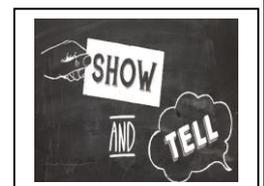
- **Wednesday – Let's make a model of our invention!**

- Can you bring your invention that you have designed to life, by making a model of it using junk packaging, or other items you may have in your household or garden?



- **Thursday – Let's 'show and tell' our invention to our family and friends.**

- Now that you have designed and modelled your invention, can you 'show and tell' it to your family and friends. See if they think it solves the original problem. Adults – Can you suggest any adjustments, or improvements to make their invention even better?



- **Friday – Final improvements and adjustments!**

- Take any suggestions on how to improve your invention from family and friends and adjust your designs and model. Be very proud of your amazing invention! Take a photo of it and share it with your class teacher!



- **Staying safe online:**

Complete the 'Project your stuff' activity with your family.

(This is within the 'Staying safe online – Be an Internet legends' document in the 'Safety' folder on Google Drive.)

Additional learning resources parents may wish to engage with

- [BBC Bitesize](#) - Lots of videos and learning opportunities for all subjects.
- [Classroom Secrets Learning Packs](#) - Reading, writing and maths activities for different ages.
- [Twinkl](#) - Click on the link and sign up using your email address and creating a password. Use the offer code UKTWINKLHELPS.
- IXL online. Click here for [Year 3](#) or here for [Year 4](#). There are interactive games to play and guides for parents.
- [Mastery Mathematics Learning Packs](#). Take a look at the mastery mathematics home learning packs with a range of different activities and lessons.
- [Y3 Talk for Writing Home-school Booklets](#) and [Y4](#) are an excellent resource to support your child's speaking and listening, reading and writing skills

If your child requires more of a challenge, or you believe that there are some gaps in their learning then [Century Tech](#) is a fantastic resource that is currently free for home learning. The app is designed to address gaps and misconceptions, provide challenge and enables children to retain new knowledge. It uses artificial intelligence to tailor the learning to your child's needs.