

Optional Homework for Inventions - Purple Class (4 weeks)

In light of feedback from Parent Questionnaires this year, we will continue to underline tasks that are more easily completed by children independently, but will also include some worksheets at the request of some families.

| 1 English (Communication, Reading and Writing) | 2 Creative Arts (Music, Art, Dance) | 3 Humanities (RE, Geography, History, Philosophy) | 4 Mathematics and Technology (Maths, DT, IT, Science) |
|---|--|---|--|
| <p>Imagine you have travelled back in time to the time of the Industrial Revolution. Write a letter back to your family to tell them about your experiences.</p> <p>Focus:</p> <ul style="list-style-type: none"> Think of what you would see and hear Write your ideas in full sentences Check capital letters Check the correct punctuation to end your sentence (. ! ?) | <p><u>Ask your teacher for a worksheet for Art.</u></p> | <p>Many important inventions were created during the Industrial Revolution. Create a timeline to show which came first.</p> <p>Focus:</p> <ul style="list-style-type: none"> Find out some of the inventions of the time Order them by date Draw a clear timeline Label with names and dates | <p>Practise these mental maths facts:</p> <ul style="list-style-type: none"> Quickly adding 3 single digit numbers (e.g. 3+8+7) Adding near doubles (e.g. 14+15, 19+18) Counting forwards and backwards in 3s Adding and subtracting two 2-digit numbers |
| <p>Think about one of the inventions from the industrial revolution (images on the back). Pretend you are the inventor and you want to sell your invention to the world. Create an advert.</p> <p>Focus:</p> <ul style="list-style-type: none"> Choose an invention Decide what makes it really good Write sentences and draw pictures to persuade people to buy it Full sentences | <p>With many new factories, Britain's landscape changed. Using pencil/charcoal, sketch out what Britain might have looked like. (Pictures on back to help)</p> <p>Focus:</p> <ul style="list-style-type: none"> Use different lines Use different shapes Use some shading to create tone | <p><u>Ask your teacher for a worksheet for RE.</u></p> | <p>Be an inventor! Come up with an idea and create your invention!</p> <p>Focus:</p> <ul style="list-style-type: none"> Create a plan Choose suitable materials Complete your invention, step by step |
| <p>Read the fun train poem on the back of this sheet. Learn and perform the poem.</p> <p>Focus:</p> <ul style="list-style-type: none"> Read words carefully Read using the rhythm so it sounds like a train on a track Emphasise some words Perform to an audience and ask them what they liked | <p>Find out a little about a famous inventor from the time of the Industrial Revolution (see website below). Create a portrait picture of them (maybe with their famous invention).</p> <p>Focus:</p> <ul style="list-style-type: none"> Choose your inventor and find an image of them Choose your media (e.g. paint, chalk, pencil) Create a foreground and background | <p>Travel back in history. What would you have eaten as a person working in a factory in Victorian times? Follow the website link below and create your own Victorian food with a grown up.</p> <p>Focus:</p> <ul style="list-style-type: none"> Be safe and hygienic Find and read the recipe carefully Measure ingredients and follow steps Try your food! | <p>Find 5 inventions around your house that were designed using science. Which invention is the most useful?</p> <p>Focus:</p> <ul style="list-style-type: none"> Think carefully about which is the most and least useful Rank them from most to least useful Explain your reasons for your choices |
| <p>LANGUAGE AND SPEAKING AND LISTENING DEVELOPMENT</p> <p>There are lot of new words to learn when exploring Inventions.</p> <p>We have made a vocabulary map in the classroom and the children know lots of words already. Use information you already know and new learning from school to create your own vocabulary map. Remember to draw pictures to help you remember the words.</p> | <p>Listen to 'Little Train of the Caipira' (website link below). What did you like about it? How did the composer give an image of a train in our heads?</p> <p>Focus:</p> <ul style="list-style-type: none"> Describe the tempo Describe the rhythm Describe the instruments | <p><i>The Industrial Revolution was good for the people of Britain.</i></p> <p>Do you agree or challenge this statement?</p> <p>Focus:</p> <ul style="list-style-type: none"> Think about different groups of people Think of reasons to agree Think of reasons to challenge Give your own opinion | <p><u>Ask your teacher for a worksheet for Maths.</u></p> |
| <p>Helpful websites</p> <p>https://www.youtube.com/watch?v=8mZSm1TfQHM – music listening</p> <p>http://www.primaryhomeworkhelp.co.uk/victorians/timeline.htm - inventions</p> <p>http://www.ducksters.com/biography/scientists/scientists_and_inventors.php - information/pictures of inventors</p> <p>http://www.mylearning.org/playback-files.asp?journevid=527&resourceid=1509 – Victorian recipes for the poor</p> | | | |

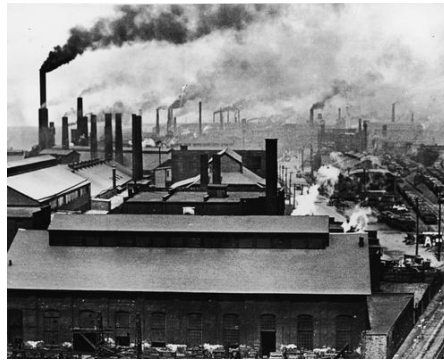
Look at the activities above. The activities are divided into four columns. You need to choose one activity to complete each week. You must choose at least one activity in each column. After that the choice is yours.

- To help you organise your homework, it is a good idea to do a little every day. You can spend as long as you wish, but around one hour per week should be enough for most activities.
- If you have a brother or sister at Blackwell, you could work together on an activity.
- It is helpful if grown ups help you, but please do the work yourself.
- The work should be filed in your homework book. Examples of good homework will be displayed in the hall.

Reading for this half term: daily please for at least 10 minutes and make sure you talk about the book with someone.

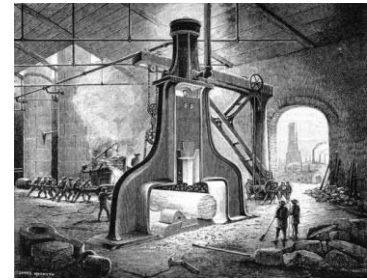
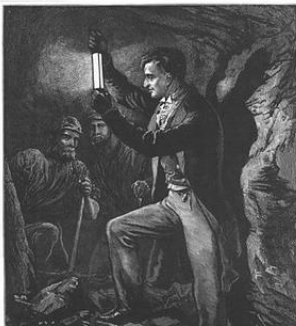
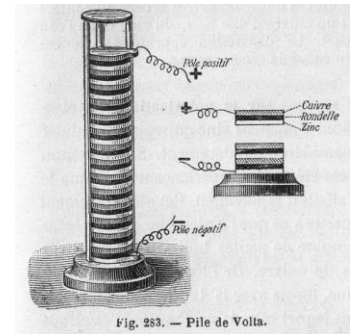
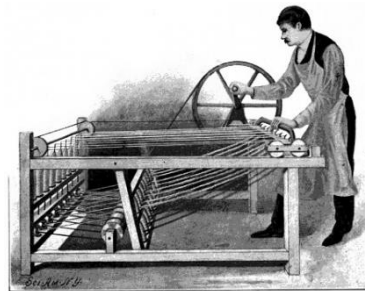
EXPECTATIONS

- Please complete written work in **pencil** and file into your homework book. Some work may require a photograph.
 - Present work in a way that is clear and easy for people to read
- Homework sheets will be sent home at the start of a topic and one piece can be handed in each MONDAY
- Activity sheets will be available from class teachers on Fridays if children request them during the week**
 - Feedback from the teacher will be provided in the workbook



Inventions from our history lessons

* seed drill, spinning jenny, battery, miner's safety lamp, steam locomotive, steam powered hammer



Poem to learn and perform

“Rickety Train Ride” by Tony Mitton

I'm taking the train to Ricketywick
Clickety clickety clack
I'm sat in my seat
With a sandwich to eat
As I travel the trickety track.

It's an ever so rickety trickety train,
And I honestly thickety think
That before it arrives
At the end of the line
It will tip up my drippety drink.