








Pearl Class Inventors Homework- Please complete one **OPTIONAL** homework task each week from the grid below and return tasks to school each week on Thursday.

	<u>Knowing</u>	<u>Understanding</u>	<u>Applying</u>	<u>Analysing</u>	<u>Creating</u>	<u>Evaluating</u>
<b>Verbal and Written</b> <b>I enjoy reading, writing, speaking and listening</b>	<u>List</u> List as many famous inventors as you can think of. You can also find pictures to go with your list.  	<u>Research</u> Braille Alphabet Earmuffs Ice Lollies Who invented these inventions? When were they invented? Why were they invented?	<u>Presentation</u> Give a talk about one famous inventor and the invention. Make it 1 minute long.	<u>Research</u> Use the library to find out about an inventor and invention. Explain to the class what you have learnt.  	<u>My Amazing Invention</u> Write a story with a clear beginning, middle and end. The invention you created somehow creates more problems than it solves. What do you do?  	<u>Evaluate</u> Choose to write about one inventor and invention. How has it changed our lives?
<b>Mathematical</b> <b>I enjoy working with numbers and sequences</b>	<u>Timeline</u> Choose 4 or 5 inventions and create a simple timeline.	<u>Factfile or database</u> Create a fact file or database to store facts about important inventions.  	Find three pairs of things which weigh exactly the same but are different shapes and sizes. Draw labelled diagrams explaining what you did.  Which invention did use to help?	Explain why we need an invention e.g. an electric light bulb now and in the past.   How many do you have in your house?	<u>Time it!</u> Using materials at home make a marble run that lasts exactly either 30 seconds or one minute.	Evaluate your shoe's grip on the pavement (whose shoes in the family have the best grip?) Record the results.
<b>Visual</b> <b>I enjoy painting, drawing and visualising</b>	<u>Collage</u> Create an inventors and inventions collage.	<u>Sketching</u> Create a detailed pencil drawing of an invention discovered in your house.	<u>Invent</u> Can you design and invent a machine that... tidies your room?	<u>Technical Drawings</u> Invent, draw and label your own new invention and explain what it could be used for.	<u>Become an inventor</u> Create a game of your own with resources of your choice.  <h1 style="color: purple; text-align: center;">GAME</h1>	<u>Powerpoint</u> Make a powerpoint to show four facts about inventors and inventions.
<b>Kinaesthetic</b> <b>I enjoy doing hands on activities, sports and dance</b>	Visit the BBC website <a href="http://www.bbc.co.uk/education/clips/ztmqxn">http://www.bbc.co.uk/education/clips/ztmqxn</a> and bring facts to share at school.	Make a list of items found at home that are attracted by a magnet.  	Build a Lego model with a friend or with family which can move without wheels.  	<u>Investigate</u> Use plasticine or kitchen foil to investigate shapes that float.	Invent a playground game to play with your friends. Try it out with you friends.	<u>Sculpture</u> Make a 3D representation of your invention.