Dear High Peaks, Here is the homework grid for this term. The activities link to our new topic – Inspirational British Inventors. You need to complete one activity per week to be brought into school each Thursday. Please log onto Mathletics for your weekly Maths homework and make sure you’re reading with somebody at home as much as possible. Your spelling, punctuation and grammar activity will still be glued in your book each week.

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| Literacy &Communication | Write your own play script about a Dragon’s Den pitch. You can create your invention for the pitch or use one already in existence! | Write a poem linked to inventions or an invention. Or, you can find one which has already been written and learn to recite it by heart so you can perform it to the class. | Create your own robot and then write a detailed character description about it.Can you include alliteration, metaphors and similes in your character description? | Write a set of instruction about how to make an invention. This can be your own invention or something which already exists, |
| Maths & ProblemSolving(Maths, thinkingskills, Logic,Problem solving) | Write your own invention-themed maths questions about fractions, addition and subtraction, times tables, perimeter or time. Can you include any two step problems as a bonus?Make sure you have shown how to solve your problems. | Design your own robot using 2D and/or3D shapes.You need to label the shapes, tell us how many of each shape you have used and describe the properties of at least 3 of those shapes. | Bake! Either follow a favourite recipe or invent your own! Important: Make sure you’re involved with the measuring of ingredients! You can photos in or the actual product. Then tell us the amountof ingredients you would need to makeit for 3 different amounts of people e.g.2 people, 4 people, 10 people | Select 5 inventions.Can you collect data from friends and family about which is their favourite?This can be in a tally table or a pictogram.Then, turn your results into a bar chart and write some sentences about your results. |
| Science and theOutside environment | Invent your own P.E game or a new sport! Present the information how you like but it must include how to play, a list of equipment and what skills it requires. You can also draw a picture of your sport/game or take a photo of you playing it! | Find and research an invention which has been created to help the environment! You can present your research to the class in any format you like. | Wallace and Gromit are holding a dinner party for their closest friends.Can you come up with a balanced 3 course menu for him?Think about the different food groups and the Eat Well plate! | Find and research an invention or discovery by a scientist! |
| Humanities andCitizenship | Choose an inventor and their invention to research.You can present your research to the class in any format you like. | In a shoebox (or similar), create a scene which represents inventions and technology used in the 20th Century. | For 5 English inventors, find out what county they were born in.Then, label a map to show your findings.You can draw your own map or we can provide it.Can you find 1 fact about each county? | Use your research skills to find 5 inventors from around the world.We want to know their name, invention, the country they were born in, the capital of that country and the flag for that country. |
| Creative Arts(Art, Design &technology, Music,Drama & Dance) | Create your own invention!Tell us everything we need to know about it. If possible/safe to do so, can you have a go at making it too? | Either create your own artwork in thestyle of L.S. Lowry or recreate one ofLowry’s works.Remember to think about perspective! | Create either a robotic dance (so youmove like robots), or it can be a dance to represent an invention and how it moves. You can bring your own music or we can YouTube/Spotify it for you. | Either perform The Match Stalk Men and Match Stalk Cats & Dogs to the class (can be in a 2 or a group) or perform your own song about an invention like the ReggaeReggae Sauce song! |