Invention Challenge

• Invent a secret code. Write a letter to someone using your code.

• Invent a machine that will do a household task. Draw a picture and label it. Explain how it works.

• Find out about a male inventor. What did he invent? Write a short biography.

• Find out about a female inventor. What did she invent? Write a short biography.

• What do you think the most important invention has been to date? Explain why you think this? Try and persuade someone else who may disagree.

• Choose two everyday items and invent a new use for them (A paperclip & a ruler, A carrier bag & a bottle etc). Write instructions for using the product or draw and label a picture.

• Come up with an invention for the future. (A hover car, a robot teacher etc). Design a poster or advertisement for your new product.

• Invent a new way to count. Create a new number system and use it to add and subtract. Write some calculations for someone else to solve. Don’t forget the instructions for using your number system.

• Think of a common problem and invent something to solve it (Losing money down the back of the sofa, falling over and hurting your knees, paper getting creased in your school bag etc). Make your invention from household materials.

• Invent an outfit suitable for certain tasks (Going out on a windy day, climbing steep hills, painting a picture etc). Draw your design and label its features.