



## **Mathematics in Reception at Bishopston Primary**

### **Power Maths**

In Reception we follow the Power Maths scheme of work. Using Power Maths presents pupils with daily reasoning problems which supports them in becoming logical thinkers. New concepts and number facts are reinforced continually throughout the scheme, ensuring that pupils quickly develop strong fluency skills.

Teachers deliver whole class Power Maths teaching on a daily basis. This is a wonderful opportunity for teachers to model logical mathematical reasoning and strategies. Along with the visual images provided by the Power Maths scheme, teachers also ensure that pupils are given concrete resources, allowing new information to be embedded in a practical and engaging manner.

Pupils are supported by adults within the setting to complete relevant sections of the Power Maths pupil workbooks. During this time adults will address any misconceptions pupils may have whilst assessing and challenging the pupils through questioning. Adults will also use this time to determine each pupil's next steps for learning.

In Reception we pride ourselves on developing the pupils' independent learning skills. For this reason pupils are also encouraged to complete the mathematical challenges provided for the children in the continuous provision. Pupil progress is then recorded in the form of photographs and observational notes using the program Evidence Me by 2simple. To ensure all pupils access the mathematical challenges within the continuous provision a token system is used whereby a lollipop stick is earned when a child has completed a task. Adults can then monitor who has and has not completed any independent tasks sets.

### **Mathletics**

All pupils are provided with a Mathletics login, which enables them to take part in online activities at home which are linked to the mathematical content taught in school.

Within the Mathletics online platform, pupils have an opportunity to reinforce their daily learning, embed their fluency skills through rainforest maths and pit their skills against the classmate in 'Live Mathletics'

This is all achieved through a fun and engaging way, where maths is seen as exciting. Pupils are awarded certificates for gaining 1000 points, as well as effort and participation awards.

### **ICT Resources**

At Bishopton Primary school it is essential that pupils have a positive view of both mathematics in general and themselves as mathematicians. To do this in Reception we use online games. Pupils access these using the interactive whiteboard and apps on iPads.

We also use relevant 'Numberblocks' episodes to reinforce the information taught during whole class teaching.

Mrs Healey

Reception Teacher