

Topic and Other Subjects

Our big question this half term is **'Will you ever see the water that goes down your sink again?'**

In Design and Technology we will be investigating, designing and creating our own boats. We will find out how they work and investigate the best materials to make them from.

In ICT we will be designing and creating our own games using a computer programme called Kodu.

Sports, Health and Fitness – Children will take part in a carousel of activities to stay active, increase their fitness and understand why it is important to keep healthy.

Maths

- Reviewing knowledge of place value up to 6 digits, including decimals.
- Using the formal written method for addition, including carrying.
- Using the formal written method for subtraction, including exchanging.
- Using rounding to find approximations and estimates when solving real life problems.
- Investigating patterns and puzzles and the relationships within them.
- Prime numbers.
- Factors and multiples.

Year 6 Learning Talk Autumn 1



Ark Bentworth Primary Academy

How to help your child's learning

Maths – Throughout the year the children will be practicing their times tables, with the expectation that they will have learnt them all by the end of the year. You should encourage them to practice a different times table each week.

Reading – Children will bring their reading book home every night. Encourage your child to read to you regularly and sign their reading record. Reading books will be changed once a week, however they will also have the opportunity to take a book from our school and class libraries.

Home/School Prep

There are lots of things that can be done at home to continue children's learning. Your Home/School Prep sheet will give you lots of ideas of various activities that will extend children's learning.

Literacy

- During our Talk for Writing sessions we will be writing our own story/poetry based on The Ancient Mariner. For the non-fiction section we will be writing a report on the Ancient Mariner and the albatross.
- During our Guided Reading sessions we are exploring the poem The Rime of the Ancient Mariner by Samuel Coleridge. We will focus heavily on improving the children's inference skills and developing the depth at which they answer questions.

Science

In Science, we will be learning about Electricity, how it is made and how it is used. We will also be exploring alternative sources for energy production such as wind, water and solar energy. This half term we will be making models of vessels that use wind power – who will design the most efficient model?