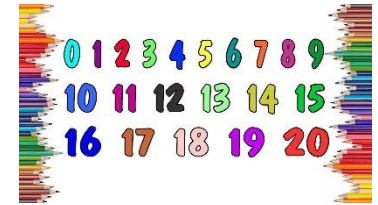


Bank End Primary Academy - Summer Topic 2

Knowledge Organiser: Science Detectives!



Communication, Language and Literacy:

Articulate their ideas and thoughts in **well-formed sentences**.

Learn and use new vocabulary

Retell the story once they have developed a deep familiarity with the text; some as exact repetition and some in their own words.

Write short sentences with words with known letter-sound correspondences using a **capital letter and full stop**.

Form lower-case and capital letters correctly.

Re-read what they have written to check that it makes sense.

Spell words by identifying the sounds and then writing the sound with letter/s.

Physical Development:

Develop confidence, competence, precision, and accuracy when engaging in activities that involve a ball.

Know and talk about the different factors that support their overall health and wellbeing

Expressive Arts and Design:

Watch and talk about dance and performance art, expressing their feelings and responses.

Explore and engage in music making and dance, performing solo or in groups.

Understanding of the World:

Understand the effect of changing seasons on the natural world around them.

Know some similarities and differences between the natural world around them and contrasting environments.



Mathematics:

Automatically recall number bonds for numbers 0-10.

Begin to recall doubling facts.

Recognise and make equal groups.

Understand and recognise odd and even numbers.

Replicate simple constructions to develop spatial reasoning.

Continue and create repeating patterns.

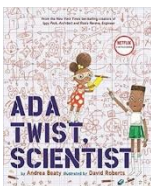
Solve real mathematical problems in their play.



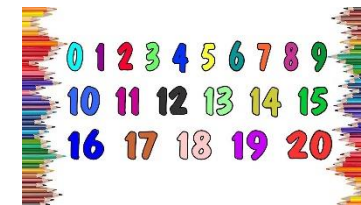
Personal, Social and Emotional Development:

Set and work towards simple goals.

Be confident to try new activities and show independence, resilience, and perseverance in the face of challenge.



How to Help at Home!



Communication, Language and Literacy:

Speak in grammatically correct sentences using a wide range of vocabulary.

Re tell stories that they are familiar with.

Practice writing sentences with a capital letter and full stop.

Practice writing letters correctly. Use the handwriting document which is on Teams.

Use phonics to spell words.



Expressive Arts and Design:

Perform a simple dance routine. Children do lots of this in school and YouTube often helps with little routines. A favourite in school is the Penguin Dance.

<https://www.youtube.com/watch?v=ufOuKmKwnKshhttps>

Understanding of the World:

Discuss the changing seasons and what happens within each season.

Be able to compare contrasting environments in the world. Example: City, Desert, Rainforest and Mountain Range.



Mathematics:

Practice recalling number bonds for numbers 0-10.

Practice doubling and recall these facts.

Explore making equal groups and explore odd and even numbers.

Develop spatial reasoning by making and copying simple constructions and models.

Practice repeating patterns using more complex rules ABBA, AABC



Personal, Social and Emotional Development:

Set a simple goal to achieve for the day.
Example: I am going to hold my pencil correctly.

Build key skills for learning. Independence, resilience and perseverance.

Physical Development:

Practice ball skills, throwing, catching, rolling, and kicking.

Know what it means to have a healthy lifestyle. Example: Good diet and exercise.