

# Riverside Primary School

*Year 4 Curriculum Map*

*Spring 1 2021*



RIVERSIDE PRIMARY

# Blue Abyss: Maths

Maths:

We will focus on Multiplication and division:

- 11 and 12 times-table
- Multiply 3 numbers
- Factor pairs
- Efficient multiplication
- Written methods
- Multiply 2-digit by 1-digit
- Multiply 3-digit by 1 digit
- Divide 2-digit by 1-digit
- Divide 3-digit by 1-digit

# Blue Abyss : Literacy

## Writing:

We will focus on:

- To compose and rehearse sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures
- To describe settings and characters in detail and create well-developed plots, using inverted commas and other punctuation to indicate direct speech.
- To recap the features of a biographical text and compile a class checklist. Plan a piece of biographical writing about Jacques Cousteau using research.
- Ways of turning some of the bullet points into sentences using conjunctions. Conjunctions might include: however, despite, but, for, nor, although, as long as, provided that, since, whenever and which.



## Guided reading:

We will be reading:

- Treasure Island (Vintage Classics)
- Pirates 'n' Pistols-10 Swashbuckling pirate tales
- Secrets of the sea
- The Deep- Sea floor
- Under the sea
- Into the Abyss (Tom Swift, Young Inventor)
- Submarines (Beginners plus)

## Spelling rule:

We will focus on:

- Adding the prefix inter- (meaning 'between' or 'among')
- Adding the prefix anti (meaning 'against')
- Adding the prefix auto- (meaning 'self' or 'own')
- Adding the prefix ex- (meaning 'out')
- Adding the prefix non- (meaning 'not')
- Words ending in -ar/ -er

# Blue Abyss :

## PSHE:

We are learning:

- To understand that, sometimes, we make assumptions based on what people look like.
- To try to accept people for who they are
- To understand what influences me to make assumptions based on how people look.
- To question why I think what I do about other people.
- To know that sometimes bullying is hard to spot and I know what to do if I think it is going on but I'm not sure.
- I know how it might feel to be a witness to and a target of bullying

## Music:

We are learning:

- How to play notes on trombones;
- Listening to the other musicians to ensure that we play as an ensemble;
- Learn how to follow the directions of a conductor;
- Reading musical notes.

## R.E

We are learning:

- To understand what is meant by worship.
- To understand what a holy pilgrimage is?
- To learn about care and suffering in Christianity and Judaism
- To understand what moral Values are?
- To understand how Holy Books reveal God for believers?

# Blue Abyss :

P.E:

We are learning: Gymnastics

- Share ideas and give positive criticism/advice to self & others.
- Create & perform matching/mirroring sequences explaining how it could be improved.
- Perform at least 3 different rolls (shoulder, forward, back) with some control.
- Link a roll with travel and balance using floor and apparatus with good body control
- Key vocabulary:
  - asymmetrical, balance, counter balance, shape, stretch, symmetrical

Computing:

We are learning:

- Design, write and debug programs.
- Use sequencing, selection and repetition in programs
- Use logical reasoning to explain how simple algorithms work
- Understand computer networks
- Use a variety of software to design and create a range of programs, systems and content.

Key vocabulary:

Data, Database, record, file, filed, search, sort, chart, sequence, program, debug, algorithms

# Blue Abyss : Wider curriculum.

## History:

### We will focus on:

Understanding historical concepts such as continuity and change, cause and consequence, similarity, difference and significance, and use them to make connections, draw contrasts, analyse trends, frame historically valid questions and create their own structured accounts, including written narratives and analyses.

Presenting a thoughtful selection of relevant information in a historical report or in-depth study.

## Science:

### We will focus on:

Recognising that environments can change and that this can sometimes pose dangers to living things.

Explaining how unfamiliar habitats, such as a mountain or ocean, can change over time and what influences these changes.

To research the crown-of-thorns starfish, thought to be one of the greatest threats to the Great Barrier Reef.

## Art and design.

### We will focus on:

Improving our mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay).

Drawing examples in sketchbooks, adding pattern and colour for effect.

Use drawings to create a simplified design for a batik.

Creating their batik using brightly coloured and fluorescent inks on paper or fabric, capturing patterns and colours from their original drawings.

## Geography.

### We will focus on:

How to use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

Study and draw conclusions about places and geographical features using a range of geographical resources, including maps, atlases, globes and digital mapping.

Locate the Great Barrier Reef using maps.

# Blue Abyss : Key Topic vocabulary

## Key Topic Vocabulary

Abyss  
Adapt  
Aqua-lung  
Arctic ocean  
Atlantic ocean  
Bioluminescence  
Camouflage  
Climate  
Climate change  
Colony  
Conservation  
Coral

## Key Topic Vocabulary

Diving  
Energy  
Expedition  
Exploration  
Great Barrier Reef  
Habitat  
Invertebrate  
Organisms  
Oceanography  
Photosynthesis  
Pollution  
Predator  
Pressure

## Key Topic Vocabulary

Primary consumer  
Producer  
Marine  
Secondary consumer  
Southern ocean  
Species  
Submarine  
Sunlight zone  
Trenches  
Underwater  
Island  
Submarine