

Year 2 Maths

Fact families – addition and subtraction bonds to 20

Check calculations

Compare number sentences

Related facts

Bonds to 100 (tens)

Add and subtract 1s

10 more and 10 less

Add and subtract 10s

Add by making 10

Add a 2-digit and 1-digit number – crossing ten

Subtraction - crossing 10

Subtract a 1-digit number from a 2-digit number – crossing ten

Add two 2-digit numbers – not crossing ten – add ones and add tens

Add two 2-digit numbers – crossing ten – add ones and add tens

Subtract a 2-digit number from a 2-digit number – not crossing ten

Subtract a 2-digit number from a 2-digit number – crossing ten – subtract

Find and make number bonds

Bonds to 100 (tens and ones)

Add three 1-digit numbers

Year 3 Maths

Addition and Subtraction

▶ Add and subtract 100s

▶ Spot the pattern – making it explicit

▶ Add two 2-digit numbers - crossing 10 - add ones & add tens

▶ Subtract a 2-digit number from a 2-digit number - crossing 10

▶ Add and subtract a 2-digit and 3-digit numbers – not crossing 10 or 100

▶ Add a 2-digit and 3-digit numbers – crossing 10 or 100

▶ Subtract a 2-digit number from a 3-digit number – crossing 10 or 100

▶ Add two 3-digit numbers – not crossing 10 or 100

▶ Add two 3-digit numbers – crossing 10 or 100

▶ Subtract a 3-digit number from a 3-digit number – no exchange

▶ Subtract a 3-digit number from a 3-digit number – exchange

▶ Estimate answers to calculations

▶ Check answers

Multiplication and Division

▶ Multiply by 4

▶ Divide by 4

▶ The 4 times table

▶ Multiply by 8

▶ Divide by 8

▶ The 8 times table

RE

What makes some Cornish places special?

⇒ **Including the story of St Piran**

Ideas to Try at Home

- ◇ *Go for a walk on the beach or near the coast. What features can you spot?*
- ◇ *Do a mini/beach clean!*
- ◇ *Keep practising your times tables—TT Rockstars is a great way to do this but also through song, writing them down or chanting them.*
- ◇ *Reading! Read together or to each other. Both fiction and non-fiction.*

Sycamore Class Autumn 2 2021



In Sycamore Class we are learning about:

Coasts and How to Protect Them.



Please note our curriculum is fluid and responds to the needs and interests of the children. Therefore, we use the following activities as starting points but then might change activities and focus on things that particularly interest the children. We ensure that the key knowledge and skills are covered but do not limit ourselves to these.

Science— Materials and Recycling

- * What materials are everyday objects made from?
- * What can different materials be used for?
- * Testing materials and observing their response to twisting, bending, squashing and stretching
- * What materials are recyclable? How can we do this?

Art—Inspired by Kurt Jackson

- ◇ Using different paintbrushes to create different marks
- ◇ Creating mood paintings
- ◇ Mixing colours
- ◇ Painbrush control
- ◇ Using textiles to add detail
- ◇ Painting seascapes

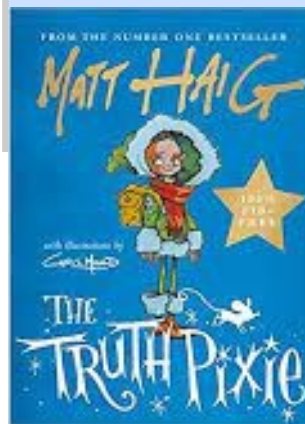
We will be using these techniques to create a final piece inspired by Jackson's latest exhibition *Mermaid's Tears*.



Geography

- * Identifying key features of the coast and the beach
- * Learning about creatures that live in the sea and on the coast
 - * Human and physical features
 - * Reading and creating maps
- * Applying our knowledge to our local area
- * Knowing what plastic pollution is
- * Thinking about how we can protect the ocean

We are reading...



Fiction

Non-Fiction



Enrichment Opportunities

- Trip to the Cornish Seal Sanctuary
- Dance workshop
- Story telling workshop
- Whole-school trip to Hall for Cornwall

English

Learning the story Ben and the Stolen Diamond and writing our own stories set on the Coast.

⇒ *Adverbs*

⇒ *Inverted commas for speech*

Poetry—inspired by both our topic and class novel

Reading

We will also be doing lots of work based on our class novel, *The Truth Pixie* by Matt Haig. This will include whole-class guided reading sessions involving reading aloud and both written and verbal comprehension.

Spelling, grammar and punctuation will be covered within English lessons and during daily Spelling sessions.