

# Barnham Broom C of E VA Primary School

## Curriculum Planning



### English

This half-term we will be using the short film 'Rooted' as a basis for creating some fiction writing. We shall be looking at cohesion across paragraphs, as well as including fronted adverbials, relative clauses and embedding dialogue. Towards the end of the term, we shall be looking at Christmas poetry and writing our own Haiku poem.

- **Handwriting** – using horizontal and diagonal strokes to join letters.
- **Guided Reading** – focusing on the comprehension of a variety of texts; answering literal, inferential and evaluative questions.
- **Spellings** – once a week which changing themes.

### Design and Technology

We shall understand how levers work and create our own Pop-up Story book which includes these.

We shall design, make and evaluate our finished Pop-up story books with one another.

### Science

This half term we will be studying forces. We shall be:

- Recognising that some mechanisms, including levers, allow a smaller force to have greater effect.
- Exploring the force of gravity
- Identify the effects of friction.
- Begin to identify the effects of air resistance.

### Class 4

**Theme: Technical Toys:  
Levers**

**Term: October – December  
2017**

### Music

**Jazz Stage 2:** this unit will include on building the children's appreciation for different types of music and exploring more musical elements.

### Computing

Computing skills continued to be developed with Mrs Hedges.

### Maths

- Inverse Operations: using inverse operations to work out missing digits and numbers from calculations.
- Multiplication and division: recognising factors and multiples of numbers, understand what prime numbers are, multiply 2 and 3 digit numbers by 1 or 2 digit numbers using formal methods, divide up to and beyond 4 digit numbers by 1 digit, recognise square and cubed numbers, begin to solve problems involving multiplication and division.

### French

**En Classe** – beginning to understand use vocabulary related to a classroom.

### PE

Premier Sports and games with Mrs O'Grady

### RE

**Why does Christmas matter to Christians?** We will explore bible stories related to Christmas and why Christians celebrate the birth of Jesus.

## CLASS 4 Homework

### This half term's spellings:

- Week 1 – Adding suffix -ly
- Week 2 – Adding suffix -ly
- Week 3 – Adding suffix -ation.
- Week 4 – Words ending with -sure or -ture.
- Week 5 – Words ending -sion.
- Week 6 – Suffix -ous
- Week 7 – Suffix -ous.

### Spelling Ideas:

- Write the spelling words using joined up handwriting in sentences.
- Write the words using joined up handwriting in a paragraph.

### **TOPIC IDEAS:**

- Describe what levers are and how they work scientifically.
- Can you create something that includes a lever mechanism?
- Describe why Christmas matters to you.
- Can you create or perform a piece of music to the class?
- Create a list of key French vocabulary words we have learnt in our new topic: En Classe. Can you think of an interesting way to present this?

## Technical Toys: Levers

Homework books due in:  
**Wednesday 13<sup>th</sup>**  
**December**

### Science ideas:

- Make a paper aeroplane and investigate the effects of air resistance and gravity. Ask Miss Bugg for a sheet to help you do this!
- Forces crossword: use your knowledge of forces to complete this crossword! Ask Miss Bugg for a copy of one! Are you up for the challenge?
- Create a fact sheet describing forces and what we have learnt in class!

### English ideas:

- Ask Miss Bugg for some handwriting sheets – stick these in your homework book and practise your joined up handwriting!
- Draw or print a picture of a place (be as imaginative as you like!). Can you use your senses and expanded noun phrases to describe this place to somebody who has never seen it before?
- Create a piece of writing that includes dialogue. Remember the dialogue triangle... Can you use dialogue effectively?

### Maths ideas:

- Use a 100 square grid to cross off all the prime numbers. Can you explain what a prime number is?
- Roll a dice to create a 2 or 3 digit number. What are all the factors you can think of for this number?
- Try and use the new method to multiply 3 digit numbers by a 1 digit number.  
**Challenge:** can you multiply a 4 digit number by a 2 digit number or a 3 digit number?
- Use short division to divide 4 digit numbers by 1 digit numbers. **Challenge:** can you use long division to divide a 3 digit number by a 2 digit number?

### **DON'T FANCY MUCH OF THE ABOVE?**

- Have a go at the [mymaths](http://mymaths.com) homework I have set you! Remember you will need a pencil and a piece of paper next to you to help with your working out!
- When you are reading at home, write some new words that you have come across and explain what they mean!
- <http://mrnussbaum.com/readingpassageindex/> Gives you lots of short, but interesting reading passages, which you can then answer multiple choice questions on – will help with reading comprehension!
- <https://www.thatquiz.org/tq-1> Gives you quick practise of key number skills to help your mental maths. Don't forget to up the level and difficulty on the side bar!