

**Stunning Starter**

Children to watch a film clip about life as a miner. They will then make their own hard hat and head lamp. Children to work in groups to design and make their own engine house after researching different designs.

# Medium Term Plan

**Fantastic Finish**

Visit Callington Primary to create and cook sweet/savoury Cornish pasties. Experience a shared meal with a Yellow 2 (Callington) and present our research, stories and work from our Diggin It topic to Yellow 2.



**Term**  
Autumn Term 2

**Class**  
Kilmar

**Teacher**  
Mrs. Morris / Mrs. Young

**Speaking and Listening**

- Reading**  
Word Reading  
Comprehension
- Writing**  
Phonics and Spelling  
Punctuation  
Vocabulary  
Sentence and Text  
Handwriting and Presentation  
Composition  
Story  
Information  
Poetry
- Science**  
Working Scientifically - Planning  
Working Scientifically - Recording Evidence  
Working Scientifically - Conclusions  
Plants  
Animals, including Humans  
Life Processes  
All Living Things  
Habitats  
Everyday Materials  
Changing Materials  
Light and Sound  
Electricity  
Forces & Magnets
- Mathematics**  
Problem Solving  
Communicating  
Reasoning  
Number and Place Value  
Mental Maths  
Operations - Addition  
Operations - Subtraction  
Operations - Multiplication  
Operations - Division  
Written and Calculator Methods (KS2)  
Written Methods - Addition  
Written Methods - Subtraction  
Written Methods - Multiplication  
Written Methods - Division  
Fractions and Decimals (KS1)  
Fractions, Decimals, percentages (KS2)  
Algebra (KS2)  
Ratio and Proportion (KS2)  
Geometry - 2D Shapes  
Geometry - 3D Shapes  
Position and Direction (KS1)  
Position and Movement (KS2)  
Measures - Length  
Measures - Mass  
Measures - Capacity & Volume  
Measures - Time  
Statistics - Processing and representing data  
Statistics - Interpreting data

Writing Genre			
Story	Poetry	Non-chronological	Instructions
Newspaper reports	Letters	Play scripts	Recount
Persuasive	Explanation	Biography	Autobiography

- LITERACY**
- Mining story
  - Explanation/non-chronological report of mining
  - Newspaper report (accident/explosion?)
  - Letter (from miner abroad to family back in UK?)

- SCIENCE**
- Materials/minerals – tin
  - Rocks
  - Porous experiment
  - Support experiment

- MATHS**
- Number and place value
  - Measures: size/length of mines; time
  - Problem solving
  - Statistics – data from various mines and ores mined
  - Position/direction to locate ores

**Key Events**  
Christmas



- ART**
- Charcoal drawings
  - Paintings of mining remains across Cornwall

- RE**
- How Christianity came to Cornwall.
  - The impact Saints have had on Cornwall.

- HISTORY**
- Chronology of mining (types)
  - Lifestyles of miners and their families
  - Why mining died out

**SMSC**  
Was it right to send children down the mines?

- GEOGRAPHY**
- Rocks types and rocky cycle
  - Location of mines in both UK and around the world

- PE**
- Football
  - Gymnastics

Maths Focus			
Problem-Solving Use & Application			
Number & Place Value	Mental Maths	Algebra	Geometry
Number Operations	Statistics	Ratio & Proportion	Measures
Written Methods	Fractions, Decimals & Percentages	Position & Direction	

- Computing**  
Finding Things Out  
Making Things Happen  
Programming  
Sharing & Reviewing  
Investigating and Exploring
- Art & Design**  
Drawing  
Painting  
3D Modelling  
Printing  
Textiles
- Design & Technology**  
Design  
Make  
Evaluate  
Axles, Pulleys and Gears  
Electrical and Mechanical Components  
Food Technology  
Mechanisms  
Structures  
Textiles
- Geography**  
Geographical Enquiry  
Geographical Skills & Fieldwork  
Location & Place Knowledge  
Human and Physical  
Sustainability
- History**  
Finding Out About the Past (Enquiry)  
Finding Out About the Past (Chronology)  
Historical Events  
Lifestyles of People in the Past  
Significant Historical People
- Religious Education**  
Learning about Religion  
Learning from Religion
- Modern Foreign Languages**  
Listening and Responding  
Speaking  
Writing
- Physical Education**  
Gymnastics  
Dance  
Games