

## Humanities

### Geography

- European countries, capital cities & maps
- Volcanoes
- Detailed study of Iceland

## RE

- How all religions follow 'the golden rule' - making links to the Lakeside Values

## Expressive Arts

- Line and tone
- Colour, texture and collage
- Sketching from observations

## SPAG/Spellings

- Suffix spellings: ious/cious/cial/tial
- Fronted adverbials
- Range of punctuation including: .,?!
- Word classes e.g. nouns, verbs, adjectives & adverbs
- Using paragraphs

## Maths

- Place value, value of each digit up to 1,000, 000
- Roman numerals
- Negative numbers
- Addition and subtraction, mental and written methods
- Multi step word problems
- Reasoning skills

# Year 5 Autumn 1 Land of fire and ice

## Outdoor Learning

- Collaborating in teams
- Investigating ice and volcanoes

## English

- Polar Bear Explorers' Club
- Diary, speech, descriptive writing, trip review, report writing, reading comprehensions

## PSHE

- Well - being
- What makes a successful learner

## STEM

- Science: Properties and changes of materials
- DT: building volcanoes
- Reversible and irreversible changes including chemical reactions

## PE

- Daily Mile
- Viking Dance
- Invasion games working on developing passing and movement leading to ball games.



Well-being

Community

Wider Life Opportunities

Outdoor Learning

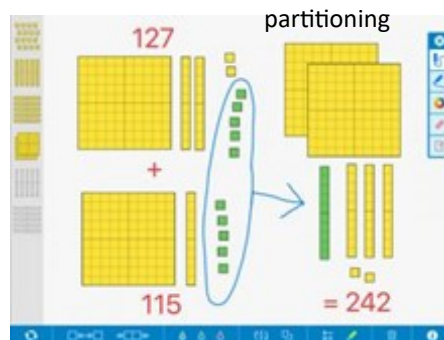
## Maths

- Addition, using partitioning, column method and pictorial representations of numbers

$$\begin{array}{r} 6712 \\ - 56 \\ \hline 16 \end{array}$$

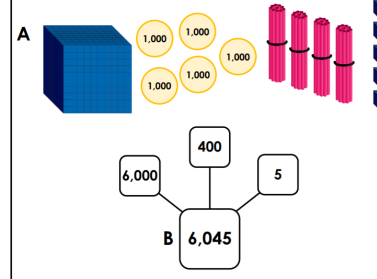
$$\begin{array}{r} 38 \\ + 93 \\ \hline 131 \\ \hline 1 \end{array}$$

column



$$\begin{array}{r} 128 + 214 = 342 \\ \hline 100 + 200 = 300 \\ 20 + 10 = 30 \\ 8 + 4 = 12 \\ \hline 300 + 30 + 12 = 342 \end{array}$$

4a. Arlo represents 6,045 in different ways.



Is he correct? How do you know?

Roman Numerals			
1 = I	10 = X	100 = C	1000 = M
2 = II	20 = XX	200 = CC	2000 = MM
3 = III	30 = XXX	300 = CCC	3000 = MMM
4 = IV	40 = XL	400 = CD	
5 = V	50 = L	500 = D	
6 = VI	60 = LX	600 = DC	
7 = VII	70 = LXX	700 = DCC	
8 = VIII	80 = LXXX	800 = DCCC	
9 = IX	90 = XC	900 = CM	

## English

- Reading The Polar Bear Explorers' Club
- Practising the use of emotive language and the use of imagery
- Factual writing on Iceland
- Guided Reading will be based on our class book. Skills will include retrieving information, inference, understanding new vocabulary, prediction and summarising.
- Vocabulary expansion with the use of a thesaurus

## Key Vocabulary

- Continent, Island, Europe, Latitude, Equator, Longitude, Hemisphere, Climate, Trade, Eruption, Fire, Fjord, Magma, Evacuation, Lava, Cliff, Gulf Stream, Glacier; Geothermal, Tectonic plates, Igneous; Sedimentary, Metamorphic
- Viking longboats, Longhouses, Pillage, Viking gods, Invasion, Runes
- Rounding, Ones, Tens, Hundreds, Thousands, Ten thousands, Million



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