

Marine Academy Primary, Trevithick Road, St. Budeaux, Plymouth PL5 2AF

T: 01752 213939 W: <http://www.marineacademy.org.uk/primary/>

E: primary@marineacademy.org.uk

Monday 10th November 2025

Dear Parents/Carers of Marine Academy Primary **Year 6** pupils,

Each term, we will send you a letter to let you know what your child will be learning about in each subject. This term, Year 6 will be learning about '**Local Fieldwork**' in their **Geography** lessons and will find answers to the below questions throughout the topic:

1. Why do geographers conduct fieldwork?
2. What tools do geographers use?
3. How do geographers collect data?
4. How do geographers present their data?
5. What do geographers do with their data?



Geography fieldwork involves formulating an enquiry question, gathering data, analysing the results and reaching conclusions. Physical enquiries will look at natural landscapes, e.g. rivers or coasts and human enquiries will look at environments that are created by people, e.g. cities or tourist resorts. The children will develop their knowledge further by carrying out some fieldwork within the school grounds and during a trip to Slapton Ley. A knowledge organiser sharing all of the information – including key facts and vocabulary – which the children will learn about is attached. Please feel free to use this with your children to develop their knowledge and understanding at home.



In **English**, the children's writing will be based on the books 'Beowulf' by Michael Morpurgo and 'Are Humans Damaging the Atmosphere?' by Catherine Chambers. Whilst in their **Whole Class Reading** sessions, they will be studying 'Street Child' by Berlie Doherty.



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In **Maths**, children will learn about Fractions, which will build upon and extend their Year 5 learning. They will calculate equivalent fractions, compare and order them, as well as add and subtract fractions with different denominators.

In **Science**, the children will expand their knowledge of Energy. They will find out about energy stores and energy transformation and learn to calculate speed, power and kinetic energy. In **RE**, the children will explore the question 'What does it mean to be a Muslim in Britain today?' and in **SMSC** (Spiritual, Moral, Social and Cultural education) the children will learn about 'Valuing Difference'. In **Design**



Technology, the children will be learning about the structures of bridges and this will culminate in them making wooden truss bridge models. In **Music**, the children will be learning to play a glockenspiel from memory with confidence and compose and perform melodies using five or more notes. In **PE**, they will be learning Gymnastics with a focus on group work and selecting, creating, reviewing and adapting sequences. PE lessons will take place on Mondays.

If you ever have any questions about your child's learning, please do not hesitate to speak to their class teacher or email year6@marineacademyprimary.org.uk. We can't wait for another term filled with lots of magnificent learning!

Yours sincerely,

Mrs Tracey Stannard
Year 6 Class Teacher

Miss Jessica Uren
Year 6 Class Teacher

Mrs Danielle Kennedy
Designated Safeguarding Lead



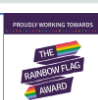
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Knowledge Organiser - Local Fieldwork - Year 6

Vocabulary	Definition
Fieldwork 	The gathering of information in a real environment, outside the classroom.
Primary data	Data that you personally collect when doing fieldwork.
Secondary data	Data that someone else has collected e.g. data another school has collected or a newspaper article.
Quantitative data	Data with a numerical value.
Qualitative data	Data that is words or images, usually containing views, opinions or feelings.
Analysis 	Detailed examination of something (usually data).
Conclusion 	Drawing together results to reach an answer. In fieldwork, drawing results from data to answer the enquiry question.
Evaluation	Weighing up the positives and negatives of something. In fieldwork, it refers to considering how reliable and accurate the results are.
Accuracy	How limited errors have been, therefore making data more likely to give true results.
Bias	When something is not done fairly as there is a preference given. For example, only asking one age group their opinion about something.
Correlation	When there is a link or relationship between two pieces of data. For example, as one increases, the other increases.



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Knowledge Organiser - Local Fieldwork - Year 6

Fieldwork Tools

Maps		Maps display information and data that geographers may find useful when studying a particular place.
OS maps		OS maps show relief (height and shape of the land) and we can use four figure and six figure grid references to locate places.
Four figure and six figure grid references		Along the corridor (x axis), then up the stairs (y axis). <u>57 : 72</u> or <u>574 : 728</u>
Field sketch		A simple drawing of the area you are studying, including labels.
Survey		A way of reviewing a particular feature of the physical or human environment. For example: a traffic survey.
Questionnaire		A list of questions (usually with options for answers) that the researcher will ask individuals.

Enquiry Question



Why fieldwork?



All fieldwork starts with an enquiry question which guides the fieldwork so that the data collected is relevant.

Fieldwork helps you to discover new ideas and create new knowledge.

Type of Graph	Definition
Bar Graph	To show discrete data, which is data that is counting something, often in different categories.
Line Graph	To show correlation (relationship) between data sets. For example: change over time.
Pie Chart	To show proportions.

