



KNOWLEDGE ORGANISER

YEAR: Year 5

TERM: Pentecost

TOPIC: Active Planet

COMPUTING

Coding scheme of work provided by *Discovery Education*.



Instructions – A set of commands given to a computer.

Code – A sequence of symbols and words used to create programs.

Action – A movement or task performed by an object in a program.

Object – A character, shape, or item that can be

PSHE

Physical Health and Mental Well Being; Respecting Ourselves and Others; Keeping Safe.

We will review the principles of Catholic Social Teaching from Together For The Common Good, which will help them to fulfil their purpose of making a difference in the world around them.

WORLD OF WORK

Employment – having a job/career.

Salary / Wage - Time, skills and or labour given in exchange for money.

Savings – earn money over time to buy something you need or want.



REACHING OUT

Human dignity – value and protecting life as a sacred gift.

Rights and Responsibilities – ensuring we have the basics to live and help others have the same.

Care for God's World – protecting the planet and the people in it.



ENGLISH

The focus for our English work is fact files and reporting.

This will involve:

Climate change – shifts in weather patterns and temperature.

Habitats – the natural home or environment of a living thing, (animal or plant)

Deforestation – the purposeful clearing of forestland.



MATHS

Multiplication and Division - Use of effective mental and written strategies and application to word problems; Revision of multiplication facts to 12×12 .

Fractions - Add, subtract and multiply fractions and apply to word problems, including decimals and percentages.

Statics – Solving problems using information presented in line graphs and tables.

Percentages and decimals- Order, compare and round decimals. To convert fractions into decimals.

Perimeter and Area- To find the perimeter and area of polygons and compound shapes.



REMINDERS



Year 5 Curriculum afternoon will be on
Monday 15th June 2026
Year 5&6 Sports Day will take place on
Thursday 9th July at 1.30pm



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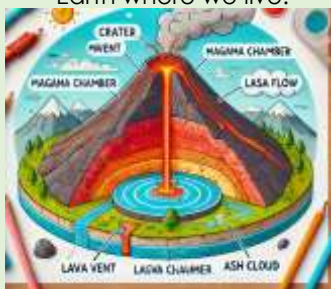
GEOGRAPHY

Inner Core – The hottest, solid part of the Earth made of iron and nickel.

Outer Core – A layer of liquid metal (mainly iron and nickel) surrounding the inner core.

Mantle – A thick, semi-solid layer of hot rock between the core and crust.

Crust – The thin, outermost layer of the Earth where we live.



ART

Inspired by *The Great Wave* by Hokusai, we will create artwork based on natural disasters.

Primary Colours – The three base colours that cannot be made by mixing.

Secondary Colours – Colours created by mixing two primary colours.

Shading – Techniques to create depth and dimension.

Medium – Different materials and tools used in art (e.g., paint, pastels, pencils).



HISTORY

Natural Disaster – A catastrophic event caused by nature.

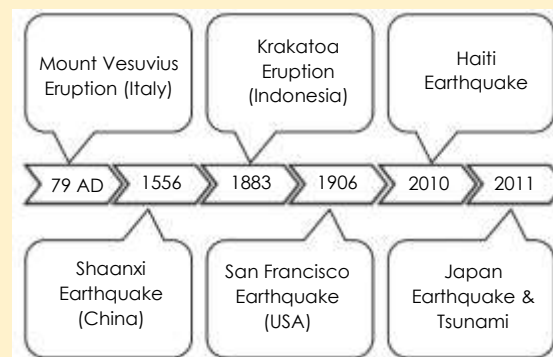
Eruption – When magma, gas, and ash explode from a volcano.

Epicentre – The point on Earth's surface directly above an earthquake.

Tsunami – A giant wave caused by an underwater earthquake or volcanic eruption.

Aftershock – A smaller earthquake following a larger one.

Famine – A severe shortage of food, often caused by drought.



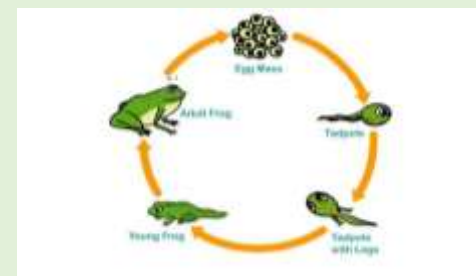
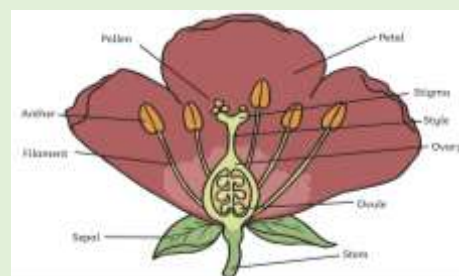
Science

All Living Things and their Habitats

Vocabulary: petal, stigma, style, ovary, ovule, stem, filament, anther, pollen tube, pollination, sexual reproduction, asexual reproduction, eggs, butterfly, chrysalis, caterpillar, frog, tadpole.

Parts of a flowering plant

Life cycle of an amphibian



P.E.

This term the children will be doing rounders, golf and athletics during their PE and games lessons.

Children will develop:

- Running, jumping and throwing skills.
- Putting and chipping for distance and accuracy.
- Culminating team games and developing sportsmanship.



MUSIC

Ostinato - A repeating musical pattern.

Pentatonic Scale - A five-note scale used in many world music traditions.

Call and Response - A musical conversation where one part is answered by another.

Gamelan - A traditional Indonesian ensemble using percussion instruments.

Looping - Repeating a musical section, often used in electronic music.

Improvisation - Spontaneously creating music within a set structure.

Blues Scale - A scale used in blues music, often featuring "bent" notes.