



YEAR 4 – Our Common Home



Sticky Knowledge

- Recycling is when things that are no longer wanted (like rubbish) are reformed to make new things.
- Recycling helps the world by causing less pollution and protecting the homes of wild animals. It also saves energy.
- The 3 Rs stand for Recycle, Reduce and Reuse.
- Reduce consumption by avoiding single-use plastics and looking for foods with less packaging.
- Reuse by passing things onto other people when you are finished with them, such as toys, games, magazines and clothes.
- Recycle by sorting paper, cardboard, cans, tins, foil, glass, plastic bottles, plastic food containers and cartons into the correct bins.
- We can improve how we recycle at school by ensuring every class recycles.
- More and more renewable, cleaner forms of energy are being used e.g. wind, solar, hydro-electric power.
- Plastic was invented 100 years ago and started being used a lot in the 1960s.
- There are many different types of plastics and they have many different uses.
- Plastic breaks up into small pieces which poison and injure wildlife.

Laudato Si' – Our Common Home

Pope Francis sent an open letter to the world asking us all to protect the earth. In it, it says:

- Our common home has never been so hurt and mistreated.
- We have stripped the earth of its forests and contaminated its earth, waters and air.
- Plants and species are becoming extinct.
- Climate change affects us all.
- We must stop treating the earth's resources as an object for profit.
- We need to slow down on how much we consume and throw away.

Significant People



Pope Francis

Science

- A variety of living things live in our local area and wider environment.
- Living things can be grouped in a variety of ways.
- Animals are grouped into vertebrates and invertebrates.
- Natural and recycled materials are grouped according to whether they are solids, liquids or gasses.
- Natural and recycled materials change state when they are heated or cooled.
- Temperature is measured in degrees Celsius
- Common everyday appliances are run on electricity.
- Cells, wires, bulbs, switches and buzzers are components of an electrical circuit.
- A circuit needs a complete loop with a battery in order to light a lamp.
- Switches open and close a circuit.
- Some materials can act as conductors or insulators.

Geography

- Water is an essential part of life.
- Water is continually recycled in a process called the water cycle.
- The water cycle is made up of four main parts, precipitation, infiltration, evaporation and condensation.

Art

- Aida Sulova is an artist who through her work, particularly on bins, has helped spread the message about the importance of looking after our world.
- A tertiary colour can be created from mixing a primary colour with a secondary colour.
- Different colour palettes can create different moods and feelings.
- Paint can be used to create different effects and textures.





Cross Curricular Vocabulary

Laudato Si'
 environment
 recycle
 reuse
 reduce
 aluminium
 atmosphere
 greenhouse gases
 landfill
 natural resources
 pollution
 littering
 single-use
 limited-use
 extended-use

groups
 classification
 vertebrates
 invertebrates
 solids
 liquids
 gasses
 heated
 cooled
 temperature
 degrees Celsius
 electricity
 components
 circuit
 conductors
 insulators

dispose
 habitat
 factory
 marine
 durable
 decompose
 debris
 consequence
 responsibility

Woodwind
 clarinet
 flute
 embouchure
 tone
 stave
 treble clef
 bar line
 repeat
 quaver - half beat note
 crotchet - one beat note
 minim - two beat note
 semibreve - four beat note
 rest
 time signature
 duet

Community
 Parish
 Ministries
 Pastoral area
 Laity
 Service
 Responsibility
 Communion
 Liturgy of the Word
 Penitential Act
 Lamb of God
 Concluding Rite
 Introductory Rite
 Eucharist
 Communion Rite

water cycle
 precipitation
 infiltration
 evaporation
 condensation
 collection
 ground run-off



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