

RELIGIOUS EDUCATION – YEAR 5 – PENTECOST

EXPLORE: Transforming energy

Read together and share about energy.



Fire is a traditional means of transformation into energy, producing heat and light. It can be used for cooking, melting, warming and burning liquids and solid substances. Solar panels can transform light from the fire of the sun into energy, to light and heat a house and to power batteries.

Wind can be transformed into energy; this has happened for hundreds of years. It was used to grind corn in windmills. How it works is that the sun heats our atmosphere unevenly, so some patches become warmer than others. These warm patches of air rise; other air blows in to replace them and that creates wind. The energy of the wind can be used in wind farms by building a tall tower, with a large propeller on the top. The wind blows the propeller round, which turns a generator to produce electricity.

Water can also be transformed into energy. Watermills used waterpower to grind corn into flour. Wind can transform waves at sea making them higher and these can be used to create energy. Water can be used to make hydroelectricity from rivers and streams in England and Wales and on a large scale in the Highlands of Scotland.

Sun All of the sources of energy above are dependent upon the transforming energy of the sun. Fire ultimately comes from the sun. The coal or wood used to produce fire has first of all been grown through the heat of the sun. The energy of sun, wind and water can be transformed and used as sources of renewable, clean and earth friendly energy. As humans we too have energy that can be transformed to good through using our minds, our time and our energy for the well-being of others.

What do you think would happen if there were no energy in the world?
Which source of energy do you think is best for world, why?
How can we as individuals save energy?
How can people use the energy of their minds for the good of others and why?
How can people use their own energy for the well-being of others and why should they?
Another word for transform is 'change'. How can we use our energy to transform ourselves?

Choose Activities

- Can you answer these questions?
- What is renewable energy? Use CAFOD's Kid Zone pages to find out how energy is being used across the world
- Can you make your own symbols for fire, wind, water and sun?

REVEAL: The fruits of the Holy Spirit

In Year 4 we learnt about the Gifts of the Holy Spirit. The first friends of Jesus used their new energy given through the Holy Spirit to spread the Good News of God's love for everyone. The energy and transformation the Spirit makes are called the 'Fruits of the Spirit', because it is what grows in your heart through the power of the Holy Spirit.

Share the bible reading based on Galatians together.

What I say is this:

Let the Spirit direct your lives, your selfish self is the opposite of what the Holy Spirit wants.

The Spirit produces love, joy, peace, patience, kindness, goodness, faithfulness, humility, and self-control.



Based on Galatians 5: 16-17, 22-23
(Come and See)



Choose Activities

- Describe which 'Fruit of the Spirit' you are and why? Explain how it transforms and gives you energy to use it to change and transform your world at home, in class and in school.
- Can you make a poster, drawing, collage of the fruits of the Spirit? Can you find out what each fruit means and how we can use them to help others.
- Can you collect news stories from your own area or on the news about how people are using the fruits of the Holy Spirit? For example, *My neighbour is using kindness to collect food for their family who cannot leave their house.*