

## Year 5 - Spring 2 That's life

#### What in the world?

At the end of this theme, children should...

- Know that energy sources are important, know why and classify these as renewable and non-renewable
- Know that different energy sources have benefits and drawbacks
- Know why a settlement has grown around an energy source
- Know how energy sources are distributed in an area
- Know how to explain a reason for choosing an energy source.
- Know how to design a pop-up book
- Know how to follow my design to make a pop-up book
- Know how to use layers and spacers to cover the working of mechanisms
- Know how to create a high-quality product suitable for a target user

### inspire Suggestion

Can the children create a car that could be powered by wind? Do they think we will ever have wind powered cars? Why? Why not?



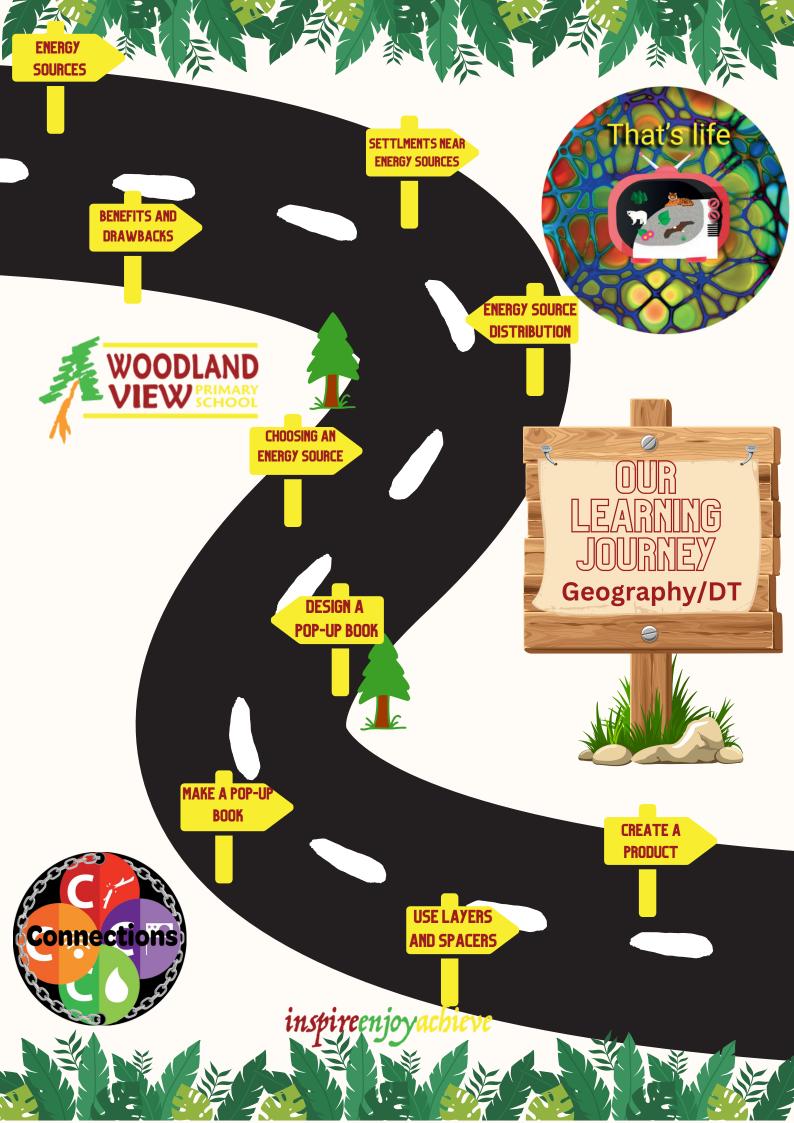


**Woodland Workshop** - Look at the energy sources in the woodland workshop. How are they generated?

achieve Question

Connections

How do you think the usage of energy sources will change in the future? Why?





# THEME VOCABULARY

### <u>Geography</u>

energy source renewable non-renewable settlement distribution nuclear solar fossil fuels sustainable <u>DT</u>

design input motion mechanism reinforce model layers spacers sliders pivots folds

spireenjoyachieve

#### <u>Science</u>

offspring foetus dependent adolescent puberty gestation pregnant toddler prenatal breeding embryo hormones

