

## Research learning projects

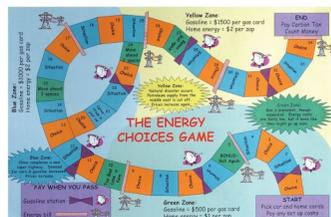
This half term in year 6 for our topic 'Bright Sparks', We are learning about the environment and the impact we make on the planet. We are looking into how energy is made and where it comes from and the effects it can have on our planet. By looking at electricity, fossil fuels, renewable and non-renewable sources of energy, we aim to better our understanding of how our world functions and what we can do to make a difference.

You have a choice of the following:

### A Quiet/Indoor Game:

Success Criteria:

- Have a look at your research about energy saving.
- Decide on the type of game that you would like to make.
- Decide on how your game will help people learn about energy saving
- Create the game (for example the board and equipment).
- Explain how to play the game to someone and play it home



### Energy Saving Play:

Success Criteria:

- Have a look at your research about energy saving.
  - Look at the features of play scripts
  - Decide what characters will be in your play and write character profiles
  - Plan your play, including how it will help people to learn about energy saving
  - Write your play script
  - Practice reading your play script using different voices
- Bring the performance into school in final week.

Your class teacher will provide detailed information about your project.

### Online Safety

Online Safety is important at Old Palace Primary. You can keep up to date with Online Safety News in the school monthly newsletter and using the link below:

<https://www.nspcc.org.uk/preventing-abuse/keeping-children-safe/online-safety/parental-controls/>



## Year 6 Newsletter - Spring 2

**Ofsted**  
Outstanding  
2008/2009

Deputy Head teacher - Miss Millward

Teachers - Mr Heighington (6H) Ms. Gorji (6G)

Set Teachers - Ms. Naeem & Mrs Diaz- Patel

Support Staff- James, Shapla A and Shapla K, Mr A.

Welcome back after a short break! Please remember we are happy to have a chat with you in the mornings and answer any questions you might have or help you where we can.

### PE & Fitness

Year 6 will still have PE every Friday afternoon and Fitness session every Monday at 12pm. Please make sure that your child brings the PE kits to school for these days.

### Vocabulary

Please find the word of the day list for this half term below:

Week 1	consent	nondescript	prohibit	empire
Week 2	criteria	Palpable	prominent	endeavour
Week 3	corresponding	sanguine	conscious	evident
Week 4	constraints	volatile	reprimand	contempt
Week 5	thoroughfare	whimsical	resign	subterfuge

### Important Dates:

Book Week Assembly (Dress up as a Sci-Fi character)- Friday 8th March

Comic Relief (Dress up in Spots or Stripes)- Friday 15th March

Parent Meetings- Wednesday 27th March

Paris Trip- Wednesday 27th March



## English:

### Suspense Stories

The children will be reading *Mary Shelly's 'Frankenstein'* and various stories by *Anthony Horowitz* to gain inspiration to write their own ghost/suspense story. During the first part of the unit they will be looking at how the author creates suspense through word choice, use of short sentences, mysterious characters and spooky settings. The children will then attempt to use these features within their own stories. At home, you could read a ghost story such as: *The Woman In Black*, or *Goosebumps series*, to explore the features of this genre and look at the descriptive language used and the effect it has on the reader.

### Persuasive Letter

Having looked at the debate of using renewable energy in their topic sessions, the children will look at persuasive writing which aims to persuade the reader to think or act in a certain way. After looking at different examples of persuasive language, the children will then write a formal letter to schools on why they should be energy efficient. You could help your child by discussing adverts that you watch on TV together and consider what product they are promoting and how they are doing this. You could ask questions such as 'How is this advert trying to persuade someone to buy or do something?'

## Maths:

During this term each math group will be looking at areas specific to them. This will involve solving problems including decimals, multiplication, division and number facts. They will also be looking at shape problems and finding missing angles of a given shape. Year 6 will have a week focusing on interpreting data and looking at a variety of ways data can be presented. They will also be looking at a variety of reasoning questions and arithmetic in preparation for the SATs in May.

Useful resources: [:http://uk.ixl.com/math/year-6](http://uk.ixl.com/math/year-6) -This website covers different math skills. Through timed questions, it challenges the children and addresses misconceptions with clear explanations <http://www.topmarks.co.uk/>

## Topic: Electricity

In this unit, the children will be investigating the use of different components within a series circuit. In addition they will be learning about how to keep safe when using electricity in the home and the relationship between voltage and how brightly a bulb lights up. They will also be learning about various sources of energy, both renewable and non-renewable. They will look at the advantages and disadvantages of using such sources for fuel. To aid their research use books from the library or the internet and get them to understand the effects of global warming, why climate change is happening and how this will affect us in the future.

### D&T: Wood

This half-term, the children will take part in a D&T day, working with the material- wood on the **Thursday 21<sup>st</sup> March 2019**.

### RE

Year 6 will continue to learn about Christianity and Humanism. The investigation implements the principal aim of RE, which is to engage pupils in systematic enquiry into significant human questions which religion and worldviews address, so that they can develop the understanding and skills needed to appreciate and appraise varied responses to these questions, as well as develop responses of their own.

### P.E: Sports Acrobatics

The children will be using exploring different ways of balancing. They will learn first how to perform balances in pairs and use small apparatus to assist them. Finally they will move onto balancing in a small group of 3 or 4.

### PSHE

This half-term's focus is 'making decisions'. The children will be discussing how decisions can not just affect them but others around them. In addition the children will be learning strategies to cope with peer pressure as well as how to be confident and assertive.

### Computing

The children will be using Sketch-up software to create 3D models of a house. Once they are confident in doing this they will then use the programming knowledge to design a 3D model of a future school.