

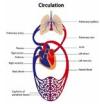
# The Warren Park Science Learning Journey



Secondary School Science, A-Levels, Degrees, Future Jobs and Related Careers.



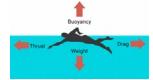
I will study the human circulatory system, recognising and experimenting with the impacts of diet and exercise.



I have studied the planets in our solar system.



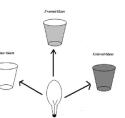
I will have the chance to experiment with air resistance, water resistance and friction



I understand basic animal categories and have compared life cycles.

I have had the opportunity to experiment with, and compare transparent and opaque materials

I have experimented with reversible and irreversible changes.



I make generalisations when looking at data.

**YEAR 3**

I have experimented with plants to understand their need for water and light



I will study and practically experience a number of different animals and plants.



I have been exposed to a number of everyday materials and have had the chance to explore their characteristics.

I have explored a healthy diet and have experimented with the effect exercise has on our body.



I have studied the skeleton of humans and animals, and understand its function.



I have explored animals and their relationship with their environment.



**YEAR 2**

I am a collector of evidence.



I have explored life, death and the changes living things go through using pumpkins.



I am introduced to Science through independent discovery and practical activities.

I experience changing environments and the idea of birth using dinosaurs.

I have observed the changes between the seasons.



I have discussed people's actions and how they affect environments positively and negatively.

I can identify common animals and have started recognising similarities.

I have explored common plants in a practical environment and can talk about similarities.

5 Senses



I understand what my senses are and have explored them practically.

**YEAR 1**

I have experienced my local environment in a practical way.



I begin to recognise differences in materials and environments.



I explore everyday objects.

**YEAR R**

**YEAR 4**

I have had to opportunity to experiment with temperature and evaporation.



I have explored the ear and had the opportunity to experiment with sound and how it changes.



I read data accurately and understand errors occur.

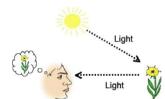


I can identify the different parts of a plants and have explored their requirements for life.

I understand and can identify characteristics of rocks, and I have explored fossils.



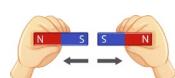
I attempt to control varying factors.



I can explain how we see objects and have experimented with reflective surfaces.

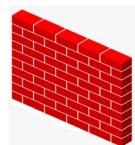


I have explored shadows and experimented with changing their size and shape.



I have explored magnets and completed experiments relating to their strength.

I have observed and experienced a range of weathers.



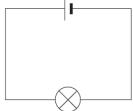
I have practically explored a range of everyday materials and there characteristics.

**YEAR R**

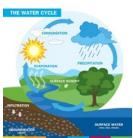
I accept errors and change my experiments to provide more accuracy.



I will explore and experiment with electricity, focussing on energy output and resistance.



I have constructed simple series circuits and can identify components



I have created my own water cycle.

I have explored our ancestry and evolution.



I will observe changing environments and discuss how this affects different beings.



I will study the human digestive system, experimenting with teeth and their functions



I have experimented with light and compared its relationship with different materials.

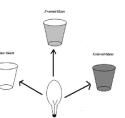


I will create accurate papier-mache planets.

I have studied the changes a human goes through.

I have had the opportunity to experiment with, and compare transparent and opaque materials

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