

Burnside Primary School Physical Sciences Plan Term 2 2017

Year Group	Area of Physical Science 1 to be taught in class	Area of Physical Science 2 to be taught by Specialist
Reception	Forces - humans and animals Children are able to describe how people & animals move in different ways and describe how shape, size influence their movement. They are able to make connections with some forms of movement and energy or force.	Forces - objects and toys Children are able to describe how objects move in different ways and describe how shape, size influence movement. They are able to explain how force impacts motion .
Year 1	Light-sources & senses Light and sound are produced by a range of sources and can be sensed	Sound - sources & senses Light and sound are produced by a range of sources and can be sensed
Year 2	Electricity - Science Inquiry Skills Questioning and predicting Planning and conducting Processing and analysing data and information Evaluating Communicating	Forces - changing shape and speed A push or a pull affects how an object moves or changes shape
Year 3	Light - Science Inquiry Skills Questioning and predicting Planning and conducting Processing and analysing data and information Evaluating Communicating	Thermal conductors and insulators Heat can be produced in many ways and can move from one object to another
Year 4	Forces - friction and air resistance Forces can be exerted by one object on another through direct contact or from a distance	Forces -Magnetism and water resistance Forces can be exerted by one object on another through direct contact or from a distance
Year 5	Light Light from a source forms shadows and can be absorbed, reflected and refracted	Electricity - Science Inquiry Skills Questioning and predicting Planning and conducting Processing and analysing data and information Evaluating Communicating
Year 6	Electricity - Circuits boards and sustainability Electrical energy can be transferred and transformed in electrical circuits and can be generated from a range of sources	Sound - Science Inquiry Skills Questioning and predicting Planning and conducting Processing and analysing data and information Evaluating Communicating
Year 7	Forces - unbalanced machines pulleys and levers Change to an object's motion is caused by unbalanced forces, including Earth's gravitational attraction, acting on the object	Forces - Gravity Change to an object's motion is caused by unbalanced forces, including Earth's gravitational attraction, acting on the object