



Stage 3 Science Project

During Term 2, Stage 3 students are exploring energy as part of our 'Essential Energy' unit. Your child is encouraged to look at what electricity is used for in their households. They are encouraged to look at appliances in and around the home and identify what the electricity is used for, for example, to heat something, to make something move, or to produce light or sound.

Some examples of appliances might be:

- A hot water system
- A cooling system
- Cooking appliances
- Light globes
- A television



If you have past electricity bills, this might be helpful for your child to see when spikes of energy usage occur in your home.

Students are asked to record the information on the resource sheet 'Auditing Appliances', along with an estimation of how often the appliance is used in a standard week. They are also encouraged to try and determine how many watts the appliance uses. This information is often recorded on the appliance.

To develop their scientific and public speaking skills your child is asked to complete a small assignment based on Essential energy. This might include;

- Making a chart or booklet of drawings of appliances that use energy and include labels and descriptions of what machines are used for and what types of energy they require.
- Taking photos of the appliances and including labels and descriptions of what the appliance is used for and what types of energy they use.

Students will have the opportunity to complete some of this task during scheduled science lessons, however they are encouraged to continue to work outside of school hours as homework. Students will be asked to share their observations with their class and are to hand in their 'Auditing Appliances' resource sheet in Week 10 of Term 2 (29th June – 3rd July).

Yours in Education,
Stage 3 Teachers

Auditing appliances

Name: _____ Date: _____

Appliance	What is the electricity used for?	How many hours is it used per week?	How many watts does it use?