



Some activities in each section use *support materials* and *worksheets*. When this is the case, the *support materials* and *worksheets* will be referenced at the start of each activity in the table under the heading Preparation and referred to in the actual activity.

The *support materials* are a mixture of reference materials and background information for students and teachers. *Worksheets* are provided to assist in undertaking the activities with minimum preparation.

All the *support materials* and *worksheets* can be downloaded from [www.originenergy.com.au/savers](http://www.originenergy.com.au/savers).

See below for a *worksheet* and *support material* user's guide.

### Worksheets user's guide

Worksheet	Section	Activity to be used
Worksheet #1: Brainstorming energy	Calculate	Activity 1: Where does energy come from? Activity 9: How can we use energy efficiently at home?
Worksheet #2: Energy quiz	Calculate	Activity 2: How much does energy cost?
Worksheet #3: Interpreting energy bills	Calculate	Activity 2: How much does energy cost?
Worksheet #4: Types of appliances and examples	Calculate	Activity 3: How much energy do appliances use?
Worksheet #5: Household appliances	Calculate	Activity 3: How much energy do appliances use?
Worksheet #6: Energy use of appliances	Calculate	Activity 4: How much energy do we use at home? Activity 9: How can we use energy efficiently at home?
Worksheet #7: Home energy survey	Calculate	Activity 4: How much energy do we use at home? Activity 8: How can we calculate our energy efficiency?
Worksheet #8: Sample energy team data	Calculate	Activity 6: Carbon detectives Activity 9: How can we use energy efficiently at home?
Worksheet #9: Cause-effect-consequences	Calculate	Activity 7: What is the greenhouse effect?
Worksheet #10: My energy savings	Calculate	Activity 9: How can we use energy efficiently at home?
Worksheet #11: Planning to send a message	Communicate	Activity 10: Sharing your findings

Support material	Section	Activity to be used
Support material #1: Information about energy	Calculate	Activity 1: Where does energy come from?
Support material #2: Answers and discussion topics for the Energy quiz	Calculate	Activity 2: How much does energy cost?
Support material #3: Sample Origin energy bills	Calculate	Activity 2: How much does energy cost?
Support material #4: Standby power	Calculate	Activity 3: How much energy do appliances use?
Support material #5: Is this person wasting energy?	Calculate	Activity 4: How much energy do we use at home?
Support material #6: Typical power ratings of gas and electric appliances	Calculate	Activity 4: How much energy do we use at home?
Support material #7: Personality profiles	Calculate	Activity 5: Energy debate
Support material #8: Carbon dioxide information sheet	Calculate	Activity 6: Carbon detectives
Support material #9: Pardon my carbon!	Calculate	Activity 6: Carbon detectives
Support material #10: Energy calculations	Calculate	Activity 6: Carbon detectives
Support material #11: Sustainability starts at home	Calculate	Activity 6: Carbon detectives Activity 7: What is the greenhouse effect?
Support material #12: Photosynthesis experiment	Calculate	Activity 6: Carbon detectives
Support material #13: Newspaper article	Calculate	Activity 7: What is the greenhouse effect?
Support material #14: The Origin energy efficiency website and calculator	Calculate	Activity 8: How can we calculate our energy efficiency?
Support material #15: Sharing our energy savings	Calculate	Activity 9: How can we use energy efficiently at home?
Support material #16: Energy saving device	Calculate	Activity 9: How can we use energy efficiently at home?
Support material #17: Energy efficiency tips	Communicate	Activity 10: Sharing your findings
Support material #18: Creative presentation ideas	Communicate	Activity 10: Sharing your findings
Support material #19: Glossary	General reference for students and teachers.	Provides definitions of words and terms used in reference to energy.
Support material #20: Website links	General reference for students and teachers.	Visit an array of websites to increase your knowledge of energy.
Support material #21: Energy summary template	General reference for students and teachers.	A template of the online energy efficiency calculator.
Support material #22: Pro forma letter to parent/guardian	General reference for teachers.	Forward this letter to parent(s)/guardian(s) to assist with household participation.
Support material #23: Information on lighting	General reference for students and teachers.	Information regarding lighting and the difference between fluorescent and incandescent.
Support material #24: Energy myths versus energy facts	General reference for students and teachers.	Information regarding energy myths versus facts.
Support material #25: Workbook front cover	For students.	A front cover for students' workbook.