



# Evaluating energy saving technology

Thought Starter: How many different types of renewable energy are there?

## Investigation Task

Your group will investigate a technology that promises to have less impact on our environment. You will:

1. Use the evaluation criteria to describe the technology and if it is worth considering.
2. Make a labeled diagram of the technology, describing in your words how you think it will work.

### EVALUATION CRITERIA

- \* WHAT KIND OF ENERGY DOES IT USE? IS IT A RENEWABLE SOURCE OF ENERGY?
- \* DOES IT HAVE LESS IMPACT ON OUR ENVIRONMENT?
- \* ARE THERE PROBLEMS USING IT?
- \* IS IT READY TO BE USED NOW? IF NOT WHEN MIGHT IT BE READY?
- \* DOES IT GET YOUR THUMBS UP? WHY OR WHY NOT?

Group members:



The type of renewable energy we are investigating is:

As you research fill in the table below, answering the questions in the blue column. You will need to find information about your technology from two different websites (remember the [Search strategies for Googling](#) when researching):

Evaluation criteria	Key information (website 1)	Key information (website 2)
What kind of energy does it use? Is it a renewable source of energy?		
Does it have less impact on our environment?		
Are there problems using it?		
Is it ready to be used now? If not, when might it be ready?		
Other interesting information		
Conclusion: Based on your research, does the technology get a thumbs up? Explain your answer:		

Once you have answered all these questions you will need to prepare a presentation to share the information you found with your class. Your



presentation should be no more than 4 slides/1 minute and should include your hand drawn diagram of the technology you investigated.

## Reflection

Think about what you looked at in this lesson and work independently to finish the following statements:

I used to think...

But now I think...