

**Levels 4–5****Resources**

- ▶ Enquiry Sheet – Wind farms
- ▶ newspapers
- ▶ Internet access

**Links to skills in the Science PoS**

This activity requires the generation of arguments for and against a proposition. Reasoning will be shaped by considerations of cause and effect using some prior knowledge and additional information gleaned from secondary sources. Discussion with peers will facilitate reflection on the criteria selected to arrive at judgments.

**Wind farms****Overview**

This activity invites pupils to think about the use of wind farms to produce energy and their impact on the local environment from local as well as national perspectives.

**Activity**

Discuss with the pupils the construction of wind farms in parts of Wales to provide energy and explain that some people are in favour and others against their construction. Arrange for half the pupils in class to write reasons **for** wind farms and half the pupils to write reasons **against** wind farms. They could use the Internet or newspapers to find evidence and information. Then, use a 'speed meeting'\* format for pupils to 'collect' reasons for and reasons against the construction of wind farms to provide energy for people in Wales. Ask the pupils to rate the reasons 'for' and 'against' wind farms and to record what they consider to be the three strongest reasons for and the three strongest reasons against wind farms on the Enquiry Sheet.

**Suggested questions**

- What reasons can you think of against wind farms?
- What reasons can you think of in favour of wind farms?
- Where would you find information that would be useful?

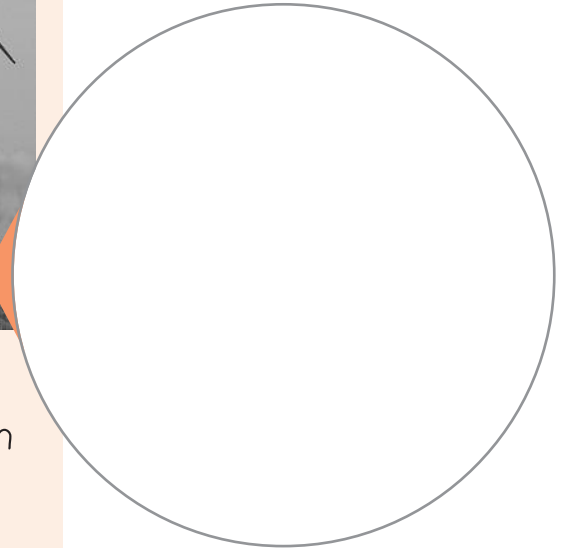
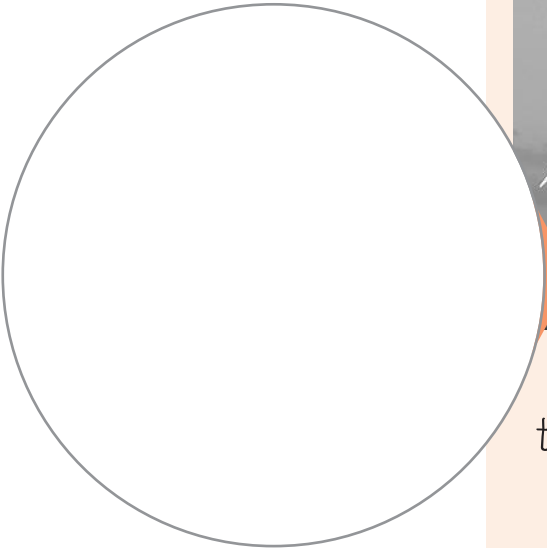
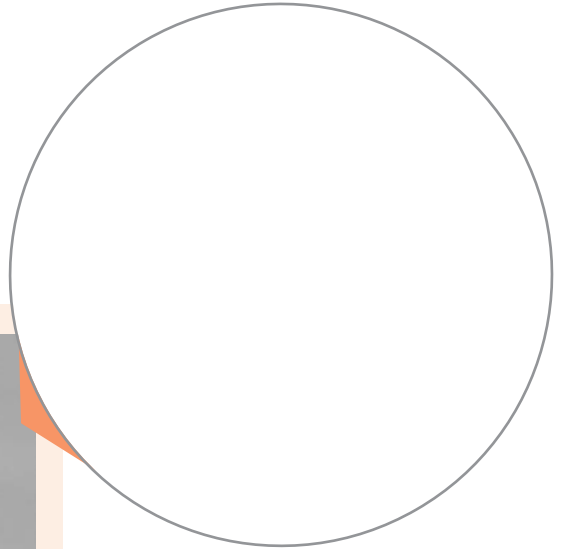
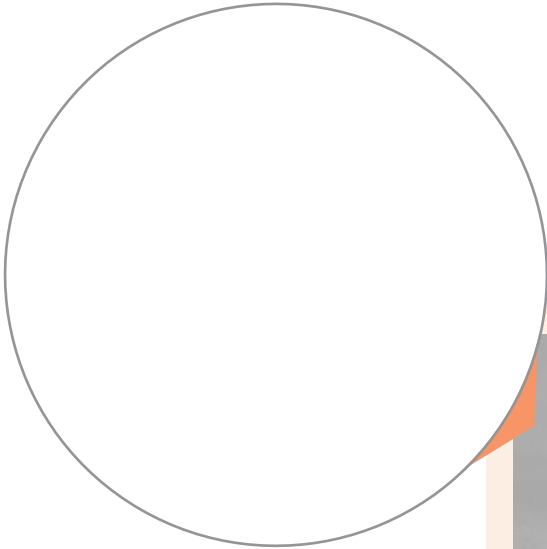
**Supplementary activities**

Another context that could be used to generate 'for' and 'against' arguments might include the placing of mobile phone masts in villages and school grounds. Pupils could find out about other natural resources in Wales that could be used to provide energy.

\* *Speed meeting: A discussion format that encourages pupils to express their ideas concisely by giving them only one minute to present this idea to a partner.*

**strongest reasons  
FOR wind farms**

**strongest reasons  
AGAINST wind farms**



the construction  
of Wind  
farms to  
provide energy  
for people in  
Wales.

