

Wildfire lesson 3: review and assessment of wildfire plans

Task 1: Debate

Working in the same teams as lesson two, each group should report to the class how they tackled their fire before and after the chance card changes. The teacher should try and keep a record of the overall costs of fighting all five fires. The teams find out that all five teams only have access to one helicopter. It can only fight one fire at a time. Try to reach an order of priority between the teams – which fire is most urgent/most important and why?

Task 2: The hidden costs of wild fires

What hidden costs would have occurred as a result of the Kinder Fires?

What might the long term effects of these fires be to the area?

Quick Facts

Summary costs

- Small fire tackled within 4 hours: £15,000. Rangers and wardens are usually the quickest on site and are the most reliable.
- Large fire, with delayed response in calling out the helicopter - £210,000, not including the cost of equipment hire, helicopter hire, loss of property, loss of livelihood, injuries to officers etc.

Economic impact of fires, based on the Bleaklow fire, in 5 days

- Loss of income from sheep farming: £35,000 (total of all farms affected).
- Loss of income from grouse shooting: £350,000 (all affected estates).
- Loss of tourism income from accommodation, tourist spending etc: £850,000, as tourists avoided the area and went elsewhere.

Costs of restoration after fires

- Fires on Bleaklow have so far cost £1.25 million, including the cost of setting up the scheme.
- 3km² have still to be restored at a cost of £2,900 per hectare.

Task 3: Preventing the fires of the future

- ▶ [Video 3: Rachel Maskell, Moors For the Future Research Assistant](#)

What techniques would you use to prevent future fires?

How does geography help in the planning and management of fires?