

**Student task 1: cause, effect or response?**

Read the statements on your worksheet. Decide whether they are a cause, effect or response. Use a different colour for each.

Key: Cause  Effect  Response

Thousands of schools across the country were closed for more than one day.	Ten deaths linked to the cold and snow including a 52 year old homeless man who was found freezing in his tent.	Cold air was swept across Europe from Siberia.
Met office issued a red weather warning to prevent unnecessary travel.	Some rural areas experienced lows of -12°C.	Wind speeds exceeded 70 mph, higher wind speeds were mostly in coastal regions.
Flights and train services were delayed or cancelled.	The British Red Cross gave out blankets to people at Glasgow Airport who were stranded.	The cold air from Europe picked up moisture from the North Sea, which then fell as snow.
Hundreds of people were stranded across the UK as roads became impassable. Many chose to leave their cars.	Snow ploughs, gritters and tractors were used to try and clear the roads.	Snow drifts were in excess of seven metres in places.
Armed forces were deployed to rescue stranded drivers and to transport NHS workers.	NHS cancelled non urgent operations.	10 to 20 cm fell in three days. The heaviest snow fell in southern England and the North Midlands.



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**Student task 2: mapping the effects**

1. Using the grid references plot the effects of the 'Beast from the East' on your map.

**Tip:**

To plot grid references remember: 'along the corridor and up the stairs'.

**Effects of 'The Beast from the East'**

	Effect	Grid reference
1	Flights were cancelled from Heathrow Airport.	140 208
2	Hundreds of motorists were stuck on the M80 near Glasgow, many were stuck for up to 13 hours.	123 233
3	Grimsby hospital cancelled all outpatient appointments.	140 219
4	A baby was born on the A66 near Stockton on Tees after the parents could not make it to hospital.	135 226
5	Flood warnings were issued by the Environment Agency for parts of Cornwall's south coast.	122 202
6	In Edinburgh soldiers were deployed to help transport about 200 NHS staff to and from the hospital.	129 234
7	A man died after falling into a frozen lake in London.	142 208
8	49cm of snow fell at St. Athan.	127 208
9	There were huge snowdrifts on the railway from Carlisle to Glasgow. Rail services were suspended for at least four days.	125 229
10	At the Cairngorm summit there were gusts of winds over 92 mph.	128 240
11	Homes across Stafford were without power.	132 217
12	All schools in Northampton were closed; some were closed for three days due to the heavy snow.	136 213

2. When you have finished describe the distribution of the effects. Is there a pattern?

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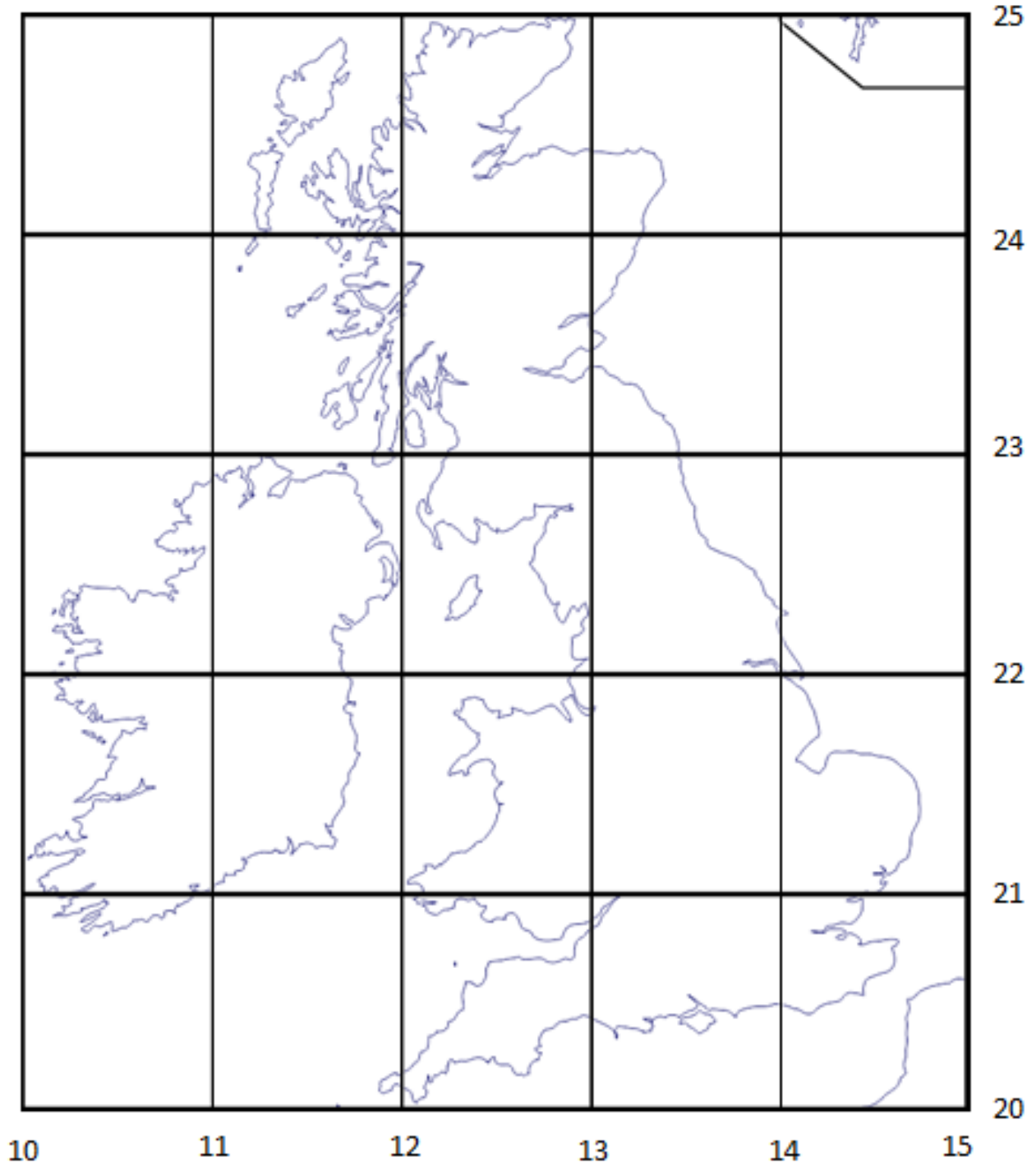
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### Teacher notes:

#### Starter:

What has happened here? Ask students what they think has happened in the four images or how the four images could be linked.

#### Main:

- A. Ask students what they think the 'Beast from the East' was, they should make a list of words they associate with the phrase. Talk through the information on what the 'Beast from the East' was. There is a short video clip to show some of the impacts. This could also be used to generate a discussion around what happened where your school is located.
- B. Watch the second video clip and then complete the cloze exercise. The answers are animated on the slide.
- C. Students to then complete the worksheet on cause, effect and response. They should use a different colour for each category.
- D. Students can then map the impacts of the storm using the mapping worksheet. It would be best to model 6 figure grid references as a reminder to students. They can annotate the map with the different effects.
- E. Exam practice. Describe the impacts of a UK weather event that you have studied (6 marks). Students can use the information from the previous two activities to help them to answer this question or it can be a closed book exercise. Students can then self-assess or peer-assess their answer.
- F. If this is the answer, what is the question?

#### Example questions:

1. What was the lowest recorded temperature?
2. How much snow fell in three days?
3. Where did the cold air originate from?
4. Where was a baby born?
5. How long were the trains cancelled for from Carlisle?
6. When did this start?
7. What was the name of the storm?
8. How many people died?

#### Plenary:

Ask students to add at least ten facts to the brain, students could hand their brains in before leaving for you to assess their knowledge.