

## Worksheet 4 – Weather Changes During the Passage of a Depression

Using your knowledge of the weather changes which occur during the passage of a frontal depression, draw graphs of the following elements to indicate the changes which would occur at a station as the depression passed overhead. You should include the approach and passage of the warm front, the warm sector and approach and passage of the cold front.

1. Temperature
2. Rainfall
3. Pressure
4. Wind Speed

You should include the approach and passage of the warm front, the warm sector and approach and passage of the cold front. Ensure your graphs have a key, title and axis labels.

On each of the graphs you have produced, label the warm front, cold front and warm sector.

### Temperature

A large, empty rectangular box with a light blue background and a dark blue border, intended for drawing a graph of temperature changes.

### Rainfall

A large, empty rectangular box with a light blue background and a dark blue border, intended for drawing a graph of rainfall changes.

## Pressure

A large, empty rectangular box with a light blue background and a thin dark blue border, intended for a response to the "Pressure" question.

## Wind speed

A large, empty rectangular box with a light blue background and a thin dark blue border, intended for a response to the "Wind speed" question.

### What to do next

You can now move on to Part E– Final Quiz.