

## Temperature of Warhol classroom throughout the day in January. 25 20 15 10 5 0 8am 9am 10am 2pm 3pm 4pm 5pm 11am 12pm 1pm 6pm Time of the school day.

- 1. What is the temperature for each hour of the day? Write these below the marks on the graph.
- 2. What was the warmest time of the day? Give the hour and the temperature.
- 3. What was the coldest time of the day? Give the hour and the temperature.
- 4. What is the difference between the warmest temperature and the coolest temperature?
- 5. What time did the temperature in the room stay the same?
- 6. Was it warmer at 9am or 3pm?
- 7. What could make the temperature of the room change?
- 8. What is the temperature at 9:30am?
- 9. What is the temperature at 12:30pm?
- 10. If we didn't open the doors during the day do you think the graph would be different?

## Extension activity:

Do you think this graph would look the same during the Summer months? Discuss with a partner and explain your answer below: