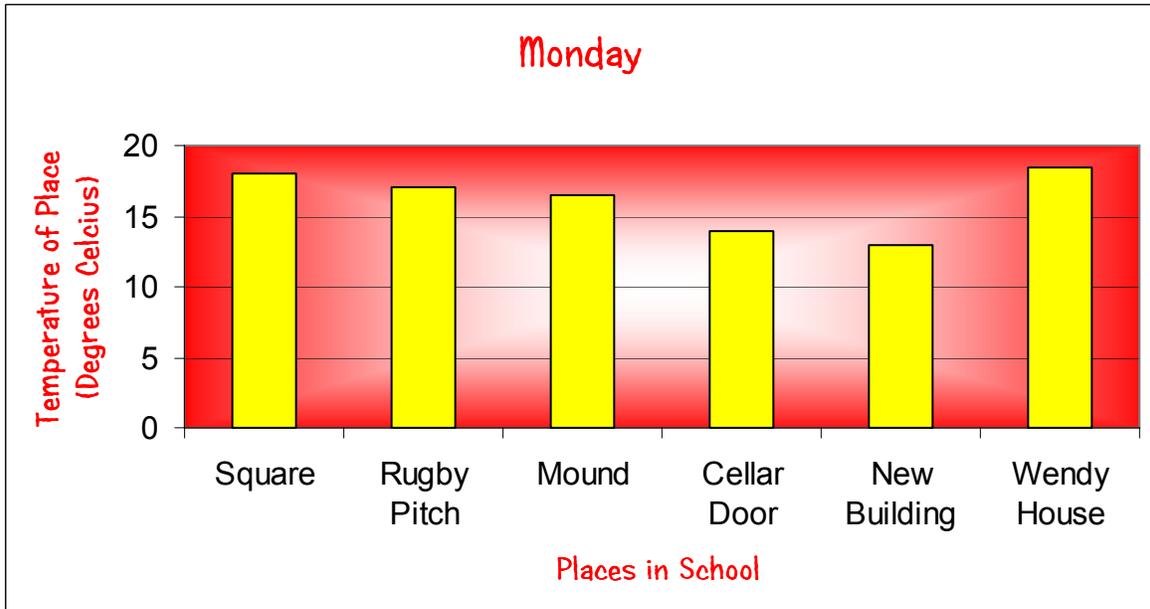


# MONDAY



Cloud Cover- 1/8

Wind Direction- 0

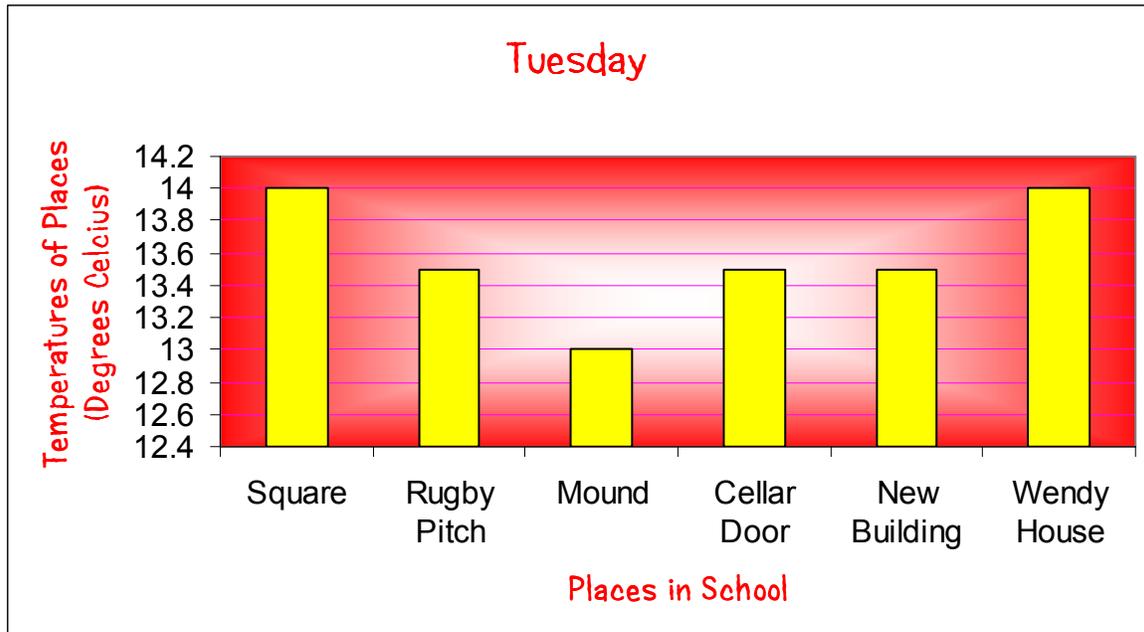
Wind Strength- 0

Monday's temperatures were quite different around all the parts of the school. This is because the **cloud cover** was very little, which let **sun** through to particular areas but others were still **shaded**. There was also no **wind strength** to make the school **colder**.

The **highest temperature** was 18.5 **Degrees Celcius** at the **Wendy house**. This is because it is surrounded by **buildings**, which **radiate heat** and the closest of the buildings is the kitchen which leaks a lot of heat which definitely warms up the surrounding area. The buildings also create **shelter** from the wind, although there was none. The **surface** of the **wendy house** is **tarmac** which radiates heat as well.

The **lowest temperature** came from behind the **New Building** with a **temperature** of 13 **Degrees Celcius**. This is because there is only one **building**, so there was only a small amount of heat coming from that **radiation** and only a bit of **shelter** from the wind. There are many trees around that area so that caused **shade** which makes a place cooler. There is no **tarmac** or **dark surfaces** so there will be no **heat** coming from the ground. It has a **northern facing aspect** which makes behind the **new building** cold as well.

# TUESDAY



Cloud Cover- 8/8

Wind Direction- N.E

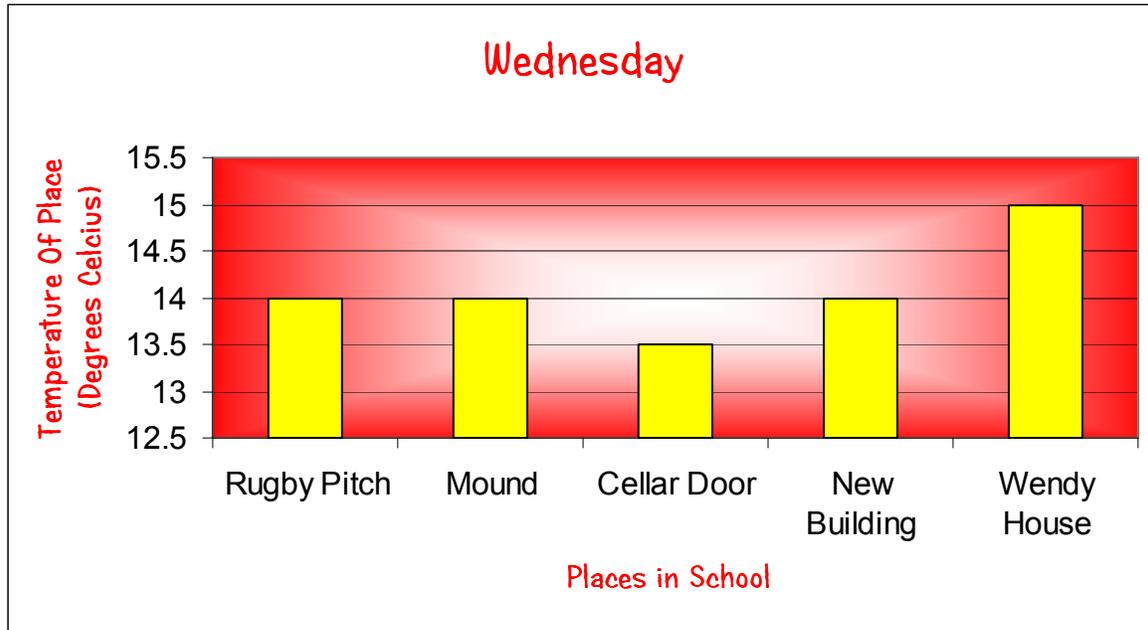
Wind Strength- 1

**Tuesday** was a much colder day compared to **Monday** and all the temperatures were very similar. This is because the **sun** was completely covered by the **cloud**, so no heat was being let through to any places in the school. There was a slight **wind strength** which affected the **temperatures..** and the wind was from the **North East**. so this also cooled down the areas.

The **lowest temperature** was the **mound**, which was 13 **Degrees Celcius**. This is because there is a much **higher altitude** on the **mound** than there is around the other parts of the school. Therefore it is cooler. Also there are no **buildings** up on the **mound** to create **shelter** or radiate **heat**. and no **tarmac** either, but this did not make a difference to the temperatures. as the sun was completely blocked. There is a lot of **shade** from the surrounding trees. even though there was no sun. The **mound** is one of the coolest places in the school.

The **highest temperature** was in the **square**, 14 **Degrees Celcius** and by the **Wendy House**, which was 15 **Degrees Celcius**. The **Wendy House** was warm. because like **Monday**, it had the **heat** coming from the **kitchens** and also the **shelter** from the little **wind** warmed up the area. There was no **heat** from the **buildings** or the **tarmac** surface, as there was no sunshine. **The Square** was warm because there was **shelter** from the **wind** from the **buildings**. There was no radiation of **heat** because again, there was no sun. There was a **normal altitude**.

# WEDNESDAY



Cloud Cover- 6/8

Wind Direction-S/W

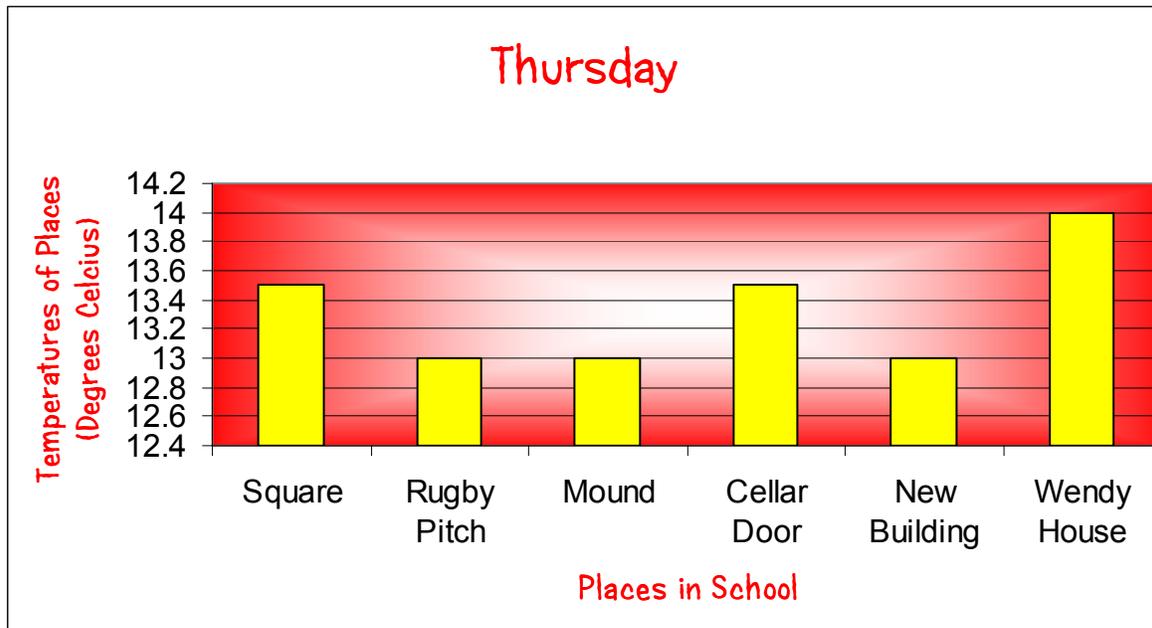
Wind Strength-3

**Wednesday's temperatures** were slightly **warmer** compared to **Tuesday**, probably because the wind was now from the **South-West**. **The temperatures** were still close together. This is because there was quite a lot of **cloud cover**, so it was mostly **shaded** around the school. except for the places which did get sun, and these were the **high temperatures**.

Once again the **highest temperature** was the **Wendy House**, which was 15 **Degrees Celcius**. This is because similar to **Monday** the **buildings** and **tarmac radiate heat**. Also., the **Wendy House** is one of the only places that got some sunshine. **The Wendy House** was sheltered from the **wind** by the **surrounding buildings**. The next warmest place was **The Square**, the reasons being that the the **surrounding buildings** and the **tarmac surface radiate heat** as well, given from the sun. Obviously **The Square** was also one of the only places receiving sun. Another thing was that the **surrounding buildings** blocked the **wind**.

The **Lowest Temperature** came from the **Cellar Door**. This is because the **surrounding buildings** cause **shade**, even though there may not have been any sun. There was no **radiation of heat** from the **buildings** or **tarmac** and the **kitchens** were too far from the **Cellar Door** for the **heat** that was leaked from there to reach **The Cellar Door**.

# THURSDAY



Cloud Cover- 7/8

Wind Direction- E

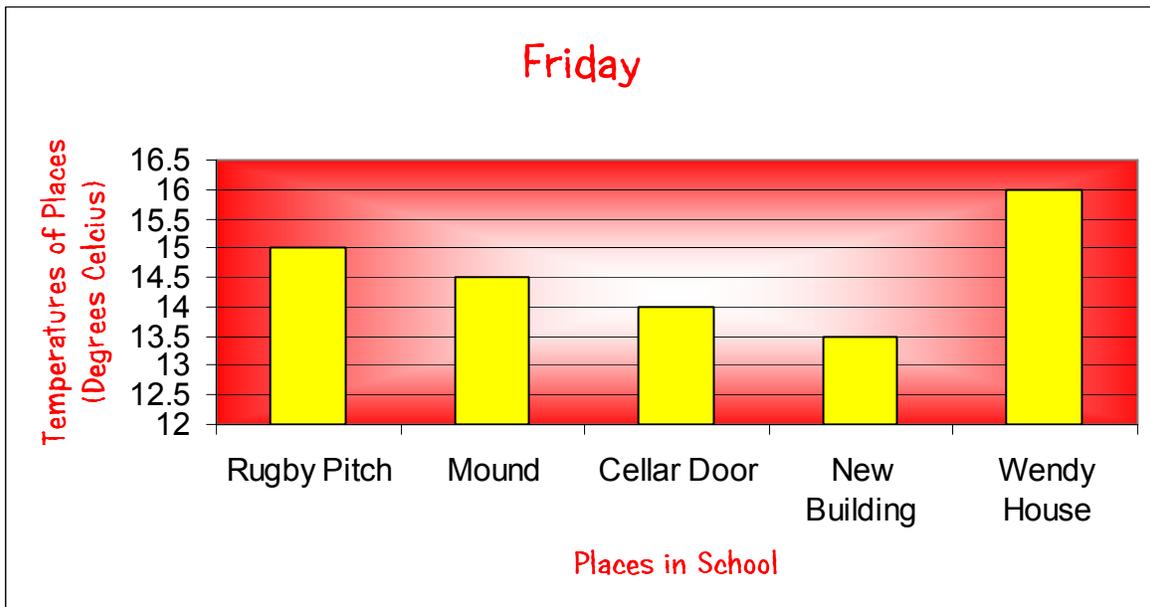
Wind Strength- 2

Thursday's temperatures were very similar to both Wednesday and Tuesday, as the temperatures were again close together. It was cold because there was a lot of cloud cover and there was not much, but there was some wind strength, which was travelling Easterly, so this also cooled down the areas.

The Lowest Temperature was the same in three places, all with a temperature of 13 Degrees Celcius. The Rugby Pitch. The Mound and behind The New Building. The Mound was cold because of all the reasons stated on Tuesday- the high altitude and the only difference is that there was a tiny bit of sun. Behind the New Building was cold because of what is said on Monday. The Rugby Pitch was cool because, as it is a big open area, it was not sheltered from the wind. Also as there is no surrounding buildings and there is not a tarmac surface there is no radiation of heat. There is no shelter either.

The Highest temperature came from The Wendy House. This is because of the heat from the kitchens, the shelter from the wind and the radiation of heat from the buildings and tarmac surface. The Wendy House is definitely one of the warmest places in the school, as it has had the highest temperature for every day of the week.

# FRIDAY



Cloud Cover-2/8

Wind Direction-N

Wind Strength- 2

Friday's temperatures were warmer than Thursday. because there was a lot less cloud cover so more sun was being let through, although some places were still shaded by obstructions. There was some wind. and it was travelling North.

The Highest Temperature was The Square and The Wendy House. The Square was 16 Degrees Celcius and was warm because, like Wednesday, there was heat radiation from both the surrounding buildings and the tarmac surface. There was shelter from the wind also. The Wendy House was once again one of the warmest places because of the aspect. shelter and radiation from the buildings.

The Lowest Temperature came from The Cellar Door. which was 14 Degrees Celcius This is because it is shaded from the sun by the surrounding buildings. so no heat was being radiated from the tarmac surface or the Buildings. Like Wednesday the kitchens were too