**Maths Snow Depth Investigation for 01 March 2018**

IALT report solutions to a problem giving an explanation.(HA)(ST) 28.02.18

|  |  |
| --- | --- |
| **Time** | **Depth of Snow** |
| 9:00 |  |
| 9:30 |  |
| 10:00 |  |
| 10:30 |  |
| 11:00 |  |

What is the increase every half an hour?

How much snow would there be at 11:30? 12:00? 15:00?

How much snow fell between 9am and 1pm?

Convert all the measurements in cm (you will need to use decimals)

**Challenge**

Make up your own set of data to challenge the person next to you.

**Extra Challenge**

Convert all your own measurements to mm, cm and metres. Which is the most appropriate unit of measurement?

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| --- | --- |
| **Time** | **Depth of Snow** |
| 9:00 |  |
| 9:30 |  |
| 10:00 |  |
| 10:30 |  |
| 11:00 |  |

What is the increase every half an hour?

How much snow would there be at 11:30? 12:00? 15:00?

How much snow fell between 9am and 1pm?

Convert all the measurements into mm. Remember 10mm = 1cm.

**Challenge**

Make up your own set of data with different intervals.

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|  |  |
| --- | --- |
| **Place** | **Depth of Snow** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Where was the most amount of snow?

Where was the least amount of snow?

What is the difference between the most and the least amount of snow?

Where would be best to build a snowman?