**WB: Monday 11th January 2021**

**LO: To learn about Atoms and the Periodic Table**

I can describe the structure of atoms

Click on this link to learn about the structure of Atoms:

<https://www.youtube.com/watch?v=TYEYEIuTmGQ>

Complete the Atom diagram by drawing the emoji faces and completing the key or create your own 3d/2d model, including a key. You may also use a simulator (Screenshot your work and add it as a photo at the end of this document)

site:<https://edu.rsc.org/resources/build-an-atom-simulation/1433.article>

What element is shown in this diagram?

I can explain what the periodic table is

Follow this link to learn about the Periodic Table:

<https://www.bbc.co.uk/bitesize/guides/z84wjxs/revision/1>

**There are 4 pages to read.**Then answer the questions below:.

1. Which Russian Scientist produced one of the first Periodic Tables?

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1. How many groups are there?

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1. What does the zig-zag line separate?

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1. Are there more metals or non-metals?

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1. Name two Properties of metals:

a) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Can you give an example of a non-metal?

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1. Why is a using magnet to test for metals not a good idea?

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I can create a fact file about an element

<http://periodicvideos.com/videos/013.htm>

Use the video and internet to help you create a fact file about Aluminum

Diagram:

Element:

Periodic Table Symbol:

Atomic Number:

Properties:

Uses:

Extension: Research another Element.

<http://periodicvideos.com/index.htm>

Element:

Diagram:

Periodic Table Symbol:

Atomic Number:

Properties:

Uses: