**Electromagnetic Waves Jigsaw**

Note-taking sheet for Home Groups

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|  | radio waves | microwaves | infrared | optical | ultraviolet | X-rays | gamma-rays |
| 1. State the wavelength of this wave. |  |  |  |  |  |  |  |
| 1. State the frequency of this wave. |  |  |  |  |  |  |  |
| 1. State the velocity of this wave. |  |  |  |  |  |  |  |
| 1. State the medium through which this type of wave can travel. |  |  |  |  |  |  |  |
| 1. Describe how the wave is produced. |  |  |  |  |  |  |  |
| 1. Describe the effect of this radiation. |  |  |  |  |  |  |  |
| 1. Explain how this wave is detected. |  |  |  |  |  |  |  |
| 1. Describe how we use the energy from this wave. |  |  |  |  |  |  |  |
| 1. Find an animation of your wave. Post it on our Website Blog. Write the URL here |  |  |  |  |  |  |  |