**CP5 Revision Mat:**

**EM Waves:**

What type of wave are all EM waves?

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What is the speed of all EM waves in a vacuum?

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What can be used to split white light?

…………………………………………………………………………………………How was infrared discovered?

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What happens to the frequency and energy as the wavelength becomes shorter on the EM spectrum?

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How are radiowaves produced and detected? (*Higher)*

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Explain why some telescopes are placed outside the Earth’s atmosphere

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**EM Spectrum**

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| --- | --- | --- |
| **Part of EM Spectrum** | **Uses** | **Dangers** |
| **R** |  |  |
| **M** |  |  |
| **I** |  |  |
| **V** |  |  |
| **U** |  |  |
| **X** |  |  |
| **G** |  |  |