

## Yr 12 A/B - PHYSICS

### Week 5 (19<sup>th</sup> April to 23<sup>rd</sup> April)

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| Work send to students via                                | Google class room and Zoo   |
| Total lessons per week                                   | 3   |
| 19 <sup>th</sup> April - 6                               | Investigate the effects of length, tension and mass per unit length on the frequency of a vibrating string or wire.<br><br>Plan an experiment to identify the factors affecting the frequency of standing waves in a stretched string.            |
| 19 <sup>th</sup> April - 7<br>21 <sup>st</sup> April - 4 | Describe the formation of stationary waves with microwaves.<br><br><a href="https://www.youtube.com/watch?v=7_ZsPItGLUQ">https://www.youtube.com/watch?v=7_ZsPItGLUQ</a>  |
| 22 <sup>nd</sup> April - 3<br>23 <sup>rd</sup> April - 1 | Describe the formation of stationary waves using sound waves.<br><br><a href="https://www.youtube.com/watch?v=Nbhh0B2ajaQ">https://www.youtube.com/watch?v=Nbhh0B2ajaQ</a>  |
| 23 <sup>rd</sup> April - 2                               | Describe the formation of stationary waves in open and closed end pipes.<br><br><a href="https://www.youtube.com/watch?v=qEuuZ7lWiY0">https://www.youtube.com/watch?v=qEuuZ7lWiY0</a><br><br>Physics worksheet file – Page 85 – 89 - ques 33 – 40 |