Year 12 Physics

Transition Material Part 2 Waves

**Task 1**

You need to join the sites below **as soon as possible**. The transition material includes material and assessments set on these sites. Please note that Khan academy only works with Chrome not Explorer.

**You need to email me when you have joined the sites to enable me to set the assignments.**

Join the Khan Academy Classroom

<https://www.khanacademy.org/join/FXPWH8MW>

Join the Isaac Physics Classroom

<https://isaacphysics.org/account?authToken=KMFCTN>

**Task 2**

**Make notes on the following using the textbook pages and the link to cyberphysics notes as well.**

**Include the learning objectives for each topic**

**Answer the summary questions for each section**

**Waves and Vibrations**

**Polarisation**

<https://www.cyberphysics.co.uk/topics/light/polarisation.htm>

**Measuring Waves**

<https://www.cyberphysics.co.uk/topics/waves/gcsewaves.html>

**Wave Properties**

<https://www.cyberphysics.co.uk/topics/waves/superposition.htm>

<https://www.cyberphysics.co.uk/topics/light/A_level/interference.htm>

**Stationary and Progressive Waves**

<https://www.cyberphysics.co.uk/topics/waves/standing_waves.htm>

**Stationary waves on a string**

<https://www.cyberphysics.co.uk/topics/waves/standing_waves_strings.html>

**Task 3**

**Complete the assignments set on Isaac Physics and Khan academy**