# WHS Physics A-level Transition Work

**This work must be completed by September**:

* Register for Isaac Physics <https://isaacphysics.org/register>
* Join the Class Group:  <https://isaacphysics.org/account?authToken=4K667L>
* Complete the activities set (The board titled “Y12 induction work extension” is optional)! Use the Hints tabs to find helpful notes pages/videos if you needed.
* Choose at least 1 of these activities, ready to report back in September. Got a better idea? Great! As long as it is vaguely Physics related we will be excited to see what you come up with.

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| **Problem Solve** | **Attend** | **Watch/Listen** | **Read** |
| Join the [Y11 Mentor scheme](https://isaacphysics.org/pages/mentor_scheme_y11_home?stage=gcse) and choose some questions from boards available | Find out about the latest research at the [Royal Society Summer Show](https://royalsociety.org/science-events-and-lectures/summer-science-exhibition) | [Sixty Symbols](http://www.sixtysymbols.com/ https://www.youtube.com/user/sixtysymbols)  [Veratasium](https://www.youtube.com/channel/UCHnyfMqiRRG1u-2MsSQLbXA)  [BBC Sky at night](https://www.bbc.co.uk/programmes/b006mk7h)  [Infinite Monkey Cage](https://www.bbc.co.uk/programmes/b00snr0w)  [Brian Cox's Adventures in Space and Time](https://www.bbc.co.uk/iplayer/episodes/m000wnk5/brian-coxs-adventures-in-space-and-time)  Richard Feynmann: [The Pleasure of Finding things out](https://www.bbc.co.uk/iplayer/episode/p018dvyg/horizon-19811982-the-pleasure-of-finding-things-out) | Check out the [physics reading list!](https://whs.fireflycloud.net/science/physics/a-level) |
| Try using the question finder to find other questions- [Level 1 is a good starting point](https://isaacphysics.org/gameboards/new?levels=1&subjects=physics#46a58d1c-2bf1-4b0c-bf14-a5b2f5a10c7e) | Visit the Royal Institution or [attend a lecture](https://www.rigb.org/whats-on). | [Physics World](https://physicsworld.com/) |
| Try learning some [python](https://www.codecademy.com/learn/learn-python) and how we can use this to [analyse data](https://www.codecademy.com/learn/getting-started-with-python-for-data-science) |  | Anything by Richard Feynmann |

If you are an existing WHS student you can also find a digital copy of the course textbook on [Kerboodle](https://www.kerboodle.com/users/login) if you want to take a look.