**Supervisor Interaction:**

The students will have started to research the topic on the Tuesday afternoon and should have some basic knowledge of the subject, as well as what is expected of them through the week (report, presentation behaviour etc.).

First Meeting: **Wednesday 09.40am** – introduce the project along with yourself to the student.

Collect the report: **Thursday 4.00-4.30pm** – students are to hand in their reports to you, there must be no extensions - all reports must be collected by the end of Thursday.

Mark the reports: Please make sure that you mark all of the group reports (according to the mark schemes provided) by **2.00pm on Friday** so that we can collate the results before the oral presentations.

Mark the presentations: **Friday 2.45-4.00pm** Please come along promptly for the groups presentations on Friday, which we will all be marking as we go along (again the mark scheme will be provided).

Other visits: We ask that you please also check in on the students at least twice a day on the Wednesday and Thursday to ensure that the group are making progress and going down the right track.

Please note that Alison and Stacey will be around all week, if there are any issues with the groups please feel free to approach us with anything – or let us know if you are unable to check in on your group etc.

Exoplanets:

The students have access SuperWASP data of a planetary transit, and are to use NSO software, LT Image (which they will have been trained to use), or equivalent, to track the transit of the planet across the surface of the host star.

They should measure the brightness of the star over time from a series of images, then plot the data onto a graph to show the transit. The can also find out what the planet and star are by researching objects at the position by looking up the RA and Dec.

During the 3 days they must also complete a report based on their analysis and a presentation (in powerpoint or equivalent). These must be completed by the end of Thursday and should include an introduction, outline of their project, outline of their results and conclusions – try to ensure they cover the following information: How do we detect exoplanets? What method was used here? What is the planet/star called? How long does it take to cross the star? What can the graph of the transit tell us about the star? Etc.