

INSTRUCTIONS FOR TEACHERS AND STUDENTS:

We are delighted to offer you some Physics problems that are linked to your experiment. Isaac Physics is a **free** national project to support teachers and students in the teaching and studying of Physics.

We have prepared two gameboards of problems for you to have a go at. The questions are based around optics. If you **haven't** studied Optics yet this year, we recommend you start with **Board A**. If you **have** already done some Optics, you may like to try **Board B**.

Accessing the material

1. Click this link to signup or login to Isaac: <https://isaacphysics.org/login>
2. Click on this link <https://isaacphysics.org/account?authToken=4G3A2B>

You will then be asked to grant permission to masterclass@isaacphysics.org by CLICKING OK in the pop-up box. YOU MUST DO THIS TO SEE THE QUESTIONS (your assignment).

If there are problems, go to "**My account settings**" and then to the "**Teacher Connections**" tab. Then enter the code **4G3A2B** into the box and click "**Apply code**".

3. Follow this link <https://isaacphysics.org/assignments> to view the gameboards. The assignments are titled:
 - a. '**CPE Waves and Optics A**' – a little easier
 - b. '**CPE Waves and Optics B**' – a little more challenging

Click on view assignment to get started.

Look at a question. You don't need to complete on the spot! Isaac remembers your progress.

Alternatively go to the "Menu" and view "My assignments"