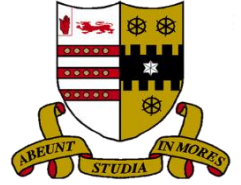


# Subject: Physics



## Detail and Content of Assessment:

The year 12 Physics mock will be a 2hr 15 min, 100 mark paper consisting of multiple choice, short answer and some longer answer (6 mark) questions from both Exploring Physics and Modelling Physics topics studied so far.

### Modelling Physics

- Motion
- Forces and Newton's Laws
- Work, Energy and Power

### Exploring Physics

- Waves
- Electricity
- Quantum Physics
- Fields and Electromagnetism

All the resources for preparation for these exams can be found here:  
<https://www.marlingphysics.co.uk/end-of-year-12-exams>

## Week 1: Modelling Physics revision

| Task:  | Duration           | Resources Available. What & Where?  | Submitted to the teacher? How & When?                        |
|--|--------------------|---|--|
| 1) Complete the Modelling Physics subject knowledge audit on the Marling Physics website to identify areas of strength and weakness  | 10 minutes         | Visit:<br><a href="https://www.marlingphysics.co.uk/end-of-year-12-exams#modelling-physics">https://www.marlingphysics.co.uk/end-of-year-12-exams#modelling-physics</a> | No need to submit- this is for your own reflection           |
| 2) Review areas of weakness to increase your subject knowledge. This could include watching videos ( <a href="https://www.alevelphysicsonline.com/ocr-spec-a">https://www.alevelphysicsonline.com/ocr-spec-a</a> ) or reading your text book and making notes, mind maps and flash cards on content. Then you <i>must</i> practise questions to apply your knowledge | Dependent on needs |   | No need to submit- this is to help support your own learning |
| 3) Complete and mark the Modelling Physics practise questions on the Marling Physics website   | 90 mins            |   | Bring marked paper to class                                  |

## Week 2: Exploring Physics revision

| Task:  | Duration           | Resources Available. What & Where?  | Submitted to the teacher? How & When?                        |
|--|--------------------|---|--|
| 1) Complete the Exploring Physics subject knowledge audit on the Marling Physics website to identify areas of strength and weakness  | 10 minutes         | Visit:<br><a href="https://www.marlingphysics.co.uk/end-of-year-12-exams#exploring-physics">https://www.marlingphysics.co.uk/end-of-year-12-exams#exploring-physics</a> | No need to submit- this is for your own reflection           |
| 2) Review areas of weakness to increase your subject knowledge. This could include watching videos ( <a href="https://www.alevelphysicsonline.com/ocr-spec-a">https://www.alevelphysicsonline.com/ocr-spec-a</a> ) or reading your text book and making notes, mind maps and flash cards on content. Then you <i>must</i> practise questions to apply your knowledge | Dependent on needs |   | No need to submit- this is to help support your own learning |
| 3) Complete and mark the Exploring Physics practise questions on the Marling Physics website   | 90 mins            |   | Bring marked paper to class                                  |

### Week 3: Past paper practise

| Task:   | Duration           | Resources Available. What & Where?  | Submitted to the teacher? How & When?                        |
|---|--------------------|---|--|
| Review your performance on the Modelling and Exploring Physics papers. Now recomplete both the Modelling and Exploring Physics audits to update your areas of strength and weakness   | 20 minutes         | Visit:<br><a href="https://www.marlingphysics.co.uk/end-of-year-12-exams">https://www.marlingphysics.co.uk/end-of-year-12-exams</a> | No need to submit- this is for your own reflection           |
| Continue to review areas of weakness to increase your subject knowledge. This could include watching videos or reading then making notes, mind maps and flash cards on content. Then you <i>must</i> practise questions to apply your knowledge | Dependent on needs |   | No need to submit- this is to help support your own learning |
| Complete at least the Year 12 past paper practise 1; this will be reviewed in class.<br><br>As final preparation you could then complete and mark the second practise paper   | 135 mins           |   | The first practise paper will be reviewed in class           |

