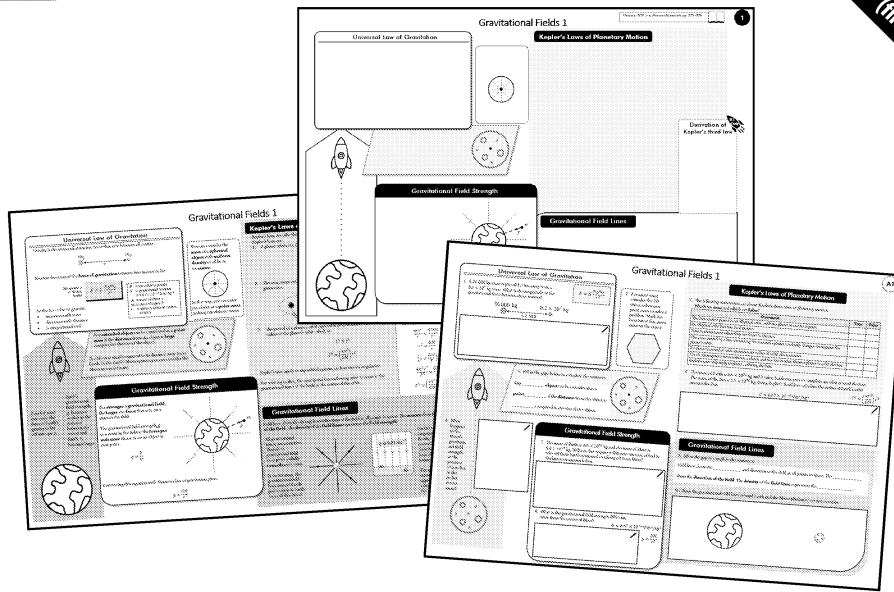


2023 specification
(first exams in 2025)



Topic on a Page

for IB Physics

Theme D: Fields

zigzageducation.co.uk

POD
12468

Publish your own work... Write to a brief...
Register at publishmenow.co.uk

Follow us on X (Twitter) [@ZigZagScience](https://twitter.com/ZigZagScience)

Contents

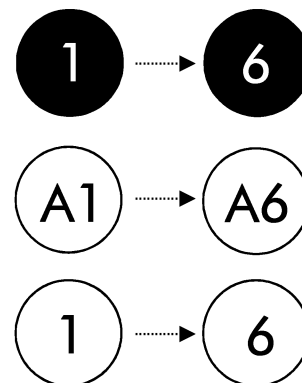
Product Support from ZigZag Education	ii
Terms and Conditions of Use	iii
Teacher’s Introduction.....	iv
A3 Summary Posters.....	Topics 1–6
1. Gravitational Fields 1	
2. Gravitational Fields 2 (Additional Higher Level)	
3. Electric and Magnetic Fields 1	
4. Electric and Magnetic Fields 2 (Additional Higher Level)	
5. Motion in Electromagnetic Fields	
6. Induction (Additional Higher Level)	
A3 Activity Worksheets.....	Topics 1–6
A3 Outline-only Pages	Topics 1–6
Mark Scheme	8 pages

Teacher's Introduction

This Topic-on-a-page resource has been designed to help your students revise the key points of each topic and test their knowledge after you have taught each section of the **IB Physics: Theme D – Fields** specification from topics 1 to 4. Each page is closely tied to the IB specification, ensuring all aspects of the course are covered. Two of the topics are covered by two pages each, while the other two topics are covered on a single A3 page each.

There are four sections to this resource, each with its own features:

1. **Topic-on-a-page sheets:** these are the main pages which intend to clearly consolidate and recap all the key information from the IB Physics course.
2. **Activity pages:** these are identical to the Topic-on-a-page sheets, but contain a variety of tasks, from filling in missing words to performing calculations. The activity pages aim to ensure the student understands all the key knowledge required of them and gives them the opportunity to demonstrate how well they have remembered and understood the content of the course.
3. **Outline-only pages:** these are the Topic-on-a-page sheets, but with most of the content removed. Students can research the topics, e.g. for homework, and fill in as much information as they can.
4. **Mark scheme:** full answers for the activity pages.



The 'Topic-on-a page', 'Activity' and 'Outline-only' sheets are designed to be A3 size, although they are still usable at A4 with no loss of detail. When photocopying activity pages on A3, we suggest photocopying the relevant worksheet on the reverse. If using at A4 size, we suggest photocopying each A3 activity 'worksheet' (for writing answers) as a double-sided A4 page to avoid shrinking the space available for answers.

Each page presents information in a variety of ways, including:

- **Bullet-point processes** – complex processes and lists have been summarised into quick, easy-to-learn points.
- **Illustrative diagrams** – detailed diagrams that visually represent a concept or an event.
- **Method and calculation boxes** – concisely state the equations used in required calculations.
- **Tips and tricks** – extra useful information that can help students when solving problems.

We hope you find these pages useful during your teaching and your students' revision.

H Sproul, May 2024