

# Edexcel IGCSE Physics - Specification Points to Learn for 2022 Exams

## Key

YES =	This will be directly assessed in the paper.
Maybe =	This might be assessed in short answer questions or synoptic questions (questions which draw together multiple topics).
no =	This will not be assessed in the paper.

PPQs = Past paper questions

## 1 Forces and motion

### (a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
1.1	YES	YES			
1.2P	YES	YES			

### (b) Movement and position

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
1.3	YES	no			
1.4	YES	no			
1.5	YES	no			
1.6	YES	no			
1.7	YES	no			
1.8	YES	no			
1.9	YES	no			
1.10	YES	no			

### (c) Forces, movement, shape and momentum

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
1.11	Maybe	YES			
1.12	Maybe	YES			
1.13	Maybe	YES			
1.14	Maybe	YES			
1.15	Maybe	YES			
1.16	Maybe	YES			
1.17	Maybe	YES			
1.18	Maybe	YES			
1.19	Maybe	YES			
1.20	Maybe	YES			
1.21	Maybe	YES			
1.22	Maybe	YES			
1.23	Maybe	YES			
1.24	Maybe	YES			
1.25P	Maybe	YES			
1.26P	Maybe	YES			
1.27P	Maybe	YES			
1.28P	Maybe	YES			
1.29P	Maybe	YES			
1.30P	Maybe	YES			
1.31P	Maybe	YES			
1.32P	Maybe	YES			
1.33P	Maybe	YES			

## 2 Electricity

### (a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
2.1	YES	YES			

### (b) Mains electricity

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
2.2	Maybe	Maybe			
2.3	Maybe	Maybe			
2.4	Maybe	Maybe			
2.5	Maybe	Maybe			
2.6	Maybe	Maybe			

### (c) Energy and voltage in circuits

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
2.7	YES	Maybe			
2.8	YES	Maybe			
2.9	YES	Maybe			
2.10	YES	Maybe			
2.11	YES	Maybe			
2.12	YES	Maybe			
2.13	YES	Maybe			
2.14	YES	Maybe			
2.15	YES	Maybe			
2.16	YES	Maybe			
2.17	YES	Maybe			
2.18	YES	Maybe			

2.19	YES	Maybe			
2.20	YES	Maybe			
2.21	YES	Maybe			

(d) Electric charge

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
2.22P	no	no	No need to revise		
2.23P	no	no			
2.24P	no	no			
2.25P	no	no			
2.26P	no	no			
2.27P	no	no			
2.28P	no	no			

### 3 Waves

(a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
3.1	YES	YES			

(b) Properties of waves

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
3.2	YES	Maybe			
3.3	YES	Maybe			
3.4	YES	Maybe			
3.5	YES	Maybe			
3.6	YES	Maybe			
3.7	YES	Maybe			

3.8	YES	Maybe			
3.9	YES	Maybe			

(c) The electromagnetic spectrum

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
3.10	Maybe	no			
3.11	Maybe	no			
3.12	Maybe	no			
3.13	Maybe	no			

(d) Light and sound

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
3.14	Maybe	YES			
3.15	Maybe	YES			
3.16	Maybe	YES			
3.17	Maybe	YES			
3.18	Maybe	YES			
3.19	Maybe	YES			
3.20	Maybe	YES			
3.21	Maybe	YES			
3.22	Maybe	YES			
3.23	Maybe	YES			
3.24P	Maybe	YES			
3.25P	Maybe	YES			
3.26P	Maybe	YES			
3.27P	Maybe	YES			
3.28P	Maybe	YES			
3.29P	Maybe	YES			

## 4 Energy resources and energy transfers

### (a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
4.1	YES	YES			

### (b) Energy transfers

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
4.2	YES	no			
4.3	YES	no			
4.4	YES	no			
4.5	YES	no			
4.6	YES	no			
4.7	YES	no			
4.8	YES	no			
4.9	YES	no			
4.10	YES	no			

### (c) Work and power

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
4.11	Maybe	Maybe			
4.12	Maybe	Maybe			
4.13	Maybe	Maybe			
4.14	Maybe	Maybe			
4.15	Maybe	Maybe			
4.16	Maybe	Maybe			
4.17	Maybe	Maybe			

### (d) Energy resources and electricity generation

Find more resources at [www.mooramo.com](http://www.mooramo.com)

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
4.18P	no	no	No need to revise No need to revise		
4.19P	no	no			

## 5 Solids, liquids and gases

(a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
5.1	YES	YES			
5.2P	no	YES			

(b) Density and pressure

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
5.3	YES	no			
5.4	YES	no			
5.5	YES	no			
5.6	YES	no			
5.7	YES	no			

(c) Change of state

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
5.8P	no	YES			
5.9P	no	YES			
5.10P	no	YES			
5.11P	no	YES			
5.12P	no	YES			
5.13P	no	YES			

5.14P	no	YES			
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(d) Ideal gas molecules

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
5.15	Maybe	no			
5.16	Maybe	no			
5.17	Maybe	no			
5.18	Maybe	no			
5.19	Maybe	no			
5.20	Maybe	no			
5.21	Maybe	no			
5.22	Maybe	no			

## 6 Magnetism and electromagnetism

(a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
6.1	YES	YES			

(b) Magnetism

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
6.2	no	no	No need to revise		
6.3	no	no			
6.4	no	no			
6.5	no	no			
6.6	no	no			
6.7	no	no			

(c) Electromagnetism



Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
6.8	Maybe	no			
6.9P	Maybe	no			
6.10P	Maybe	no			
6.11P	Maybe	no			
6.12	Maybe	no			
6.13	Maybe	no			
6.14	Maybe	no			

(d) Electromagnetic induction

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
6.15	Maybe	YES			
6.16	Maybe	YES			
6.17P	Maybe	YES			
6.18P	Maybe	YES			
6.19P	Maybe	YES			
6.20P	Maybe	YES			

## 7 Radioactivity and particles

(a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
7.1	YES	YES			

(b) Radioactivity

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
7.2	YES	Maybe			

7.3	YES	Maybe			
7.4	YES	Maybe			
7.5	YES	Maybe			
7.6	YES	Maybe			
7.7	YES	Maybe			
7.8	YES	Maybe			
7.9	YES	Maybe			
7.10	YES	Maybe			
7.11	YES	Maybe			
7.12	YES	Maybe			
7.13	YES	Maybe			
7.14	YES	Maybe			
7.15	YES	Maybe			
7.16	YES	Maybe			

(c) Fission and fusion

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
7.17	Maybe	YES			
7.18	Maybe	YES			
7.19	Maybe	YES			
7.20	Maybe	YES			
7.21	Maybe	YES			
7.22	Maybe	YES			
7.23	Maybe	YES			
7.24	Maybe	YES			
7.25	Maybe	YES			
7.26	Maybe	YES			

## 8 Astrophysics

(a) Units

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
8.1	YES	YES			

(b) Motion in the universe

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
8.2	YES	no			
8.3	YES	no			
8.4	YES	no			
8.5	YES	no			
8.6	YES	no			

(c) Stellar evolution

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
8.7	no	no	No need to revise		
8.8	no	no			
8.9	no	no			
8.10	no	no			
8.11P	no	no			
8.12P	no	no			

(d) Cosmology

Specification Point	In Paper 1?	In Paper 2?	Flashcards made?	Flashcards memorised?	PPQs done?
8.13P	no	YES			
8.14P	no	YES			
8.15P	no	YES			
8.16P	no	YES			

8.17P	no	YES			
8.18P	no	YES			