



'Tests' in Isaac Physics



Boards vs. tests

- With 'normal' Isaac Physics questions, students see whether they are **correct**, or **not**, immediately
 - sometimes they get **hints**, sometimes not.

- With **all the**
 - t
- Isaac
- Isaac
- As v
- a 'n
- (Or set up a **test group** – see final slide).

Part A Change in displacement ✓ ^

What is the change in displacement when an object moves *directly* from $s = +4$ cm to $s = -3$ cm?

Value ? Unit

Correct!

[Hint 1](#) | [Hint 2](#)



Physics. You work it out.

Streak:

209

HELLO NICK
MY ACCOUNT

LOG OUT

Search

[My Isaac](#)

[Teach](#)

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[Events](#)

[Home](#) > [Set / Manage Tests](#)

Set / Manage Tests

You can see a list of all **available** tests and questions that are not otherwise available.

When you set a test to a group it will show the results of a test (which will also appear on the group page).

The following tests are available to you:

[Teacher Features](#)

[Manage Groups](#)

[Set Assignments](#)

[Assignment Schedule](#)

[Assignment Progress](#)

[Set / Manage Tests](#)

your own tests, these are curated by the Isaac team.

Here you can cancel a test, extend the deadline or view the test page).

[Manage Tests](#)

Quite a few tests now

Set / Manage Tests

[Help](#)

You can see a list of all **available tests** below. You cannot make your own tests, these are curated by the Isaac team using questions that are not otherwise available.

When you set a test to a group it will be listed under **Manage Tests**. Here you have the option to cancel a test and to view the results of a test (which will also appear on the assignment progress page).

[Set Tests](#) | [Manage Tests](#)

The following tests are available to set to your groups.

Search by title

Search box

Biology Challenge 3		Set Test	Preview >
Biology Summer Challenge 1	visible to students	Set Test	Preview >
Biology Summer Challenge 2	visible to students	Set Test	Preview >
Chemistry Challenge 3		Set Test	Preview >

Not all tests are **visible** to students

... Energy test?

Set / Manage Tests

[Help](#)

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[Set Tests](#)[Manage Tests](#)

The following tests are available to set to your groups.

energy

Step Up Energy and Balance Review Test

[Set Test](#)[Preview](#)

Step Up Energy and Balance Review Test (Short)

[Set Test](#)[Preview](#)

Year 10 Energy Test

visible to students

[Set Test](#)[Preview](#)

Setting test 'Step Up Energy and Balance Review Test'

[CLOSE](#)

Set test to the following group(s):

Select groups

You must select a group

What level of feedback should students get?

Select...

Set an optional start date: ?

x

Set an optional due date:

x

Students can't attempt the test **after the due date**, although you can reset the test and hence change the due date.
⇒ All students are then invited to re-do the test.

Remember to set it for the **day after** your lesson if you want them to sit it in that lesson.

No feedback.

[CLOSE](#)

Setting test 'Step Up Materials and Forces Review Test (Short)'

Set test to the following groups:

Z-test



Set an optional due date:



What level of feedback should students get:

Select...



No feedback

Overall mark

Mark for each test section

Detailed feedback on each question

Overall mark

Step Up Materials and Forces Review Test (Short) Feedback

Set by: N. Davies

Completed: 26/10/2022

Instructions

This is a review test on Materials and Forces which can be used after studying the Materials and Forces chapter Physics's [Step Up to GCSE Physics](#) book. We advise that students have already completed the [Review Questions](#) to practise for this test.

If the question does not tell you differently you should give your answers to these questions to 2 or 3 significant figures.

Your mark is 3 / 5

[CLOSE](#)

Setting test 'Step Up Materials and Forces Review Test (Short)'

Set test to the following groups:

Z-test

Set an optional due date:

What level of feedback should students get:

Select...

No feedback

Overall mark

Mark for each test section

Detailed feedback on each question

Mark for each section

Step Up Materials and Forces Review Test (Short) Feedback

Set by: N. Davies

Completed: 26/10/2022

Instructions

This is a review test on Materials and Forces which can be used after studying the Materials and Forces chapter of Physics's Step Up to GCSE Physics book. We advise that students have already completed the Review Questions before practising for this test.

If the question does not tell you differently you should give your answers to these questions to 2 or 3 significant figures.

Overall mark	3 / 5
---------------------	-------

Section mark breakdown	
-------------------------------	--

Density & Floating	1 / 2
--------------------	-------

Springs	2 / 2
---------	-------

Pressure	0 / 1
----------	-------

[CLOSE](#)

Setting test 'Step Up Materials and Forces Review Test (Short)'

Set test to the following groups:

Z-test



Set an optional due date:



What level of feedback should students get:

Select...



No feedback

Overall mark

Mark for each test section

Detailed feedback on each question

Detailed feedback on each section

Density & Floating

Help

GCSE ▾

Show instructions

Calculate the mass of the gas in a 1500 m^3 balloon. The density of the gas is 1.1 kg/m^3 .

Value

1650

Unit

kg

Correct!

Calculate the volume of the salt in a 451 g packet of salt. Salt has a density of 2.2 g/cm^3 .

Value

205

Units

Incorrect

You did not choose any units. To give an answer with no units, select "None".

As you can see
some tests switch
from giving units to
asking for units,

..... which caught
me out and will
catch unwary
students too!

Useful tips where students have gone wrong

A cyclist on a bike has a total (bike + cyclist) weight of 800 N. The contact area of each wheel with the ground is 4.0 cm^2 . Calculate the pressure on the ground.

Value

200



Units

N/cm^2

Incorrect

Bear in mind there are two wheels.

Manage tests







Set / Manage Tests

[Help](#)

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[Set Tests](#)[Manage Tests](#)[Show filters](#)

	Year 10 or 11 Trilogy Radioactivity Test	Set Test	
	Year 11 Trilogy Waves Test	Set Test	
	Year 12 Skills Test	Set Test	

Manage tests

Set / Manage Tests

[Help](#)

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[Set Tests](#)[Manage Tests](#)[Show filters](#)

Year 10 or 11 Radioactivity Test

[Set Test](#)

Group name ▾	Creation date ▾	Start date ▾	Due date ▾	Actions	
Y12-4 2024-26	10/09/2024	10/09/2024	11/09/2024	View Results	More ▾
Y12-1 2024-26	06/09/2024	06/09/2024	-	View Results	Extend Due Date Cancel Test



Year 10 or 11 Trilogy Radioactivity Test

[Set Test](#)

Test at start of Y12 (baseline testing)

Year 10 or 11 Trilogy Radioactivity Test results

Help

Set by: T. Adams on 13/10/2023

Due: 14/10/2023

Due date: 14/10/2023

Student feedback mode:

Export as CSV

No feedback for students

Question key:

Correct

Not attempted

Incorrect

Section key:

100% correct

≥75% correct

<75% correct

Not attempted

>25% incorrect

Colour-blind

Percent view

14 of 14 students have completed the test [Year 10 or 11 Trilogy Radioactivity Test](#).

		Question 1									
Student 1	79%	93%	93%	100%	93%	93%	93%	21%	79%	64%	Overall:
Student 2											
Student 3											
Student 4											

Can students do tests again?

My Tests

Help

[In Progress Tests](#)

[Completed Tests](#)

[Practice Tests](#)

Test

Error loading test!

Free attempts are not available for test quiz.

Step Up Force and Motion Review Test

Take Test

Take Test

Take Test

If they try to have a go at a test they know they are about to sit

Can students repeat tests?

Ex You can **allow another attempt** if you have set a due date that has not yet expired but not (currently) for open-ended or expired tests.

Are you sure you want to change the due date? This will extend the due date for all users this test is assigned to.

Extend the due date:

13 ▼ October ▼ 2024 ▼

You cannot set the due date to be earlier than the current due date or today.

Extend due date

Set Test ▼

Set Test ^

Actions

View Results

More ▼

View Results

More ▼

Extend Due Date

Cancel Test

When a student is removed *from a group* after completing a test

- **for the teacher:** they disappear from the assignment/test progress pages, so the teacher can no longer easily find the progress for that student
 - the individual progress page has a **unique URL**, and unless the student has also revoked access, this URL will still work!
- **for the student:** the test vanishes from **My Tests** so they have no easy way of accessing it or seeing that it was completed
 - the feedback page has a unique URL, which will still work even after being removed from the group.
- if the student **rejoins the group**, then the **test results reappear** in the usual place for student and teacher, nothing is lost.

What students see at start

Year 12 Quantum Test

Help

Set by: N. Davies

Due: 24/10/2024

Please be aware that for tests your answer to each question **will be visible to your teacher(s) after you submit your test** so that they can provide further feedback and support if they wish to do so.
Assignments are different. We do not share with your teachers any of your entered answers or the number of your attempts to questions in assignments.

Instructions

This test is to measure your progress having completed the baseline assessment and used the revision materials available for the [Consolidation Programme](#).

Test sections

- [Waves and Particles](#)
- [Energy Levels in the atom](#)
- [Nuclear Reactions](#)

Three sections

Click 'Start' when you are ready to begin the test.

Start

When students *think* they're done

Step Up Electricity Review Test


Help

Set by: N. Davies

Due: 24/10/2024

Please be aware that for tests your answer to each question **will be visible to your teacher(s) after you submit your test** so that they can give you feedback on your answers or the number of your attempts to questions in assignments.

Suggested pre-test homework



Instructions

This is a review test on Electricity which can be used after studying the Electricity chapter of our Step Up to GCSE Physics book. We advise that students have already completed the Review Question Assignment 1 and Assignment 2 to practise for this test.

If the question does not tell you differently you should give your answers to these questions to 2 or 3 significant figures.

Test sections

- [Energy, Charge, Current and Voltage](#) 3 / 4
- [Power of a lamp and a resistor](#) 0 / 9
- [Power, Resistance, Voltage or Current?](#) 0 / 7
- [Circuit diagrams](#) 0 / 15
- [Sharing voltage](#) 0 / 3

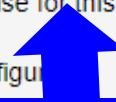
Click 'Continue' when you are ready to resume the test.

Submit anyway

0 / 5 sections complete

Continue

Relevant book



Clicking 'Submit' is final

Test not finished?

Year 12 Quantum Test

Help

Set by: N. Davies

Due: 24/10/2024

Please be aware that for tests your answer to each question **will be visible to your teacher(s) after you submit your test** so that they can provide further feedback and support if they wish to do so.
Assignments are different. We do not share with your teachers any of your entered answers or the number of your attempts to questions in assignments.

Instructions

This test is to measure your progress having completed the baseline assessment and used the revision materials available for the [Consolidation Programme](#).

Test sections

- [Waves and Particles](#) Completed
- [Energy Levels in the atom](#) 1 / 3
- [Nuclear Reactions](#) 0 / 4

Click 'Continue' when you are ready to resume the test.

Submit anyway

1 / 3 sections complete

Continue

Timed tests

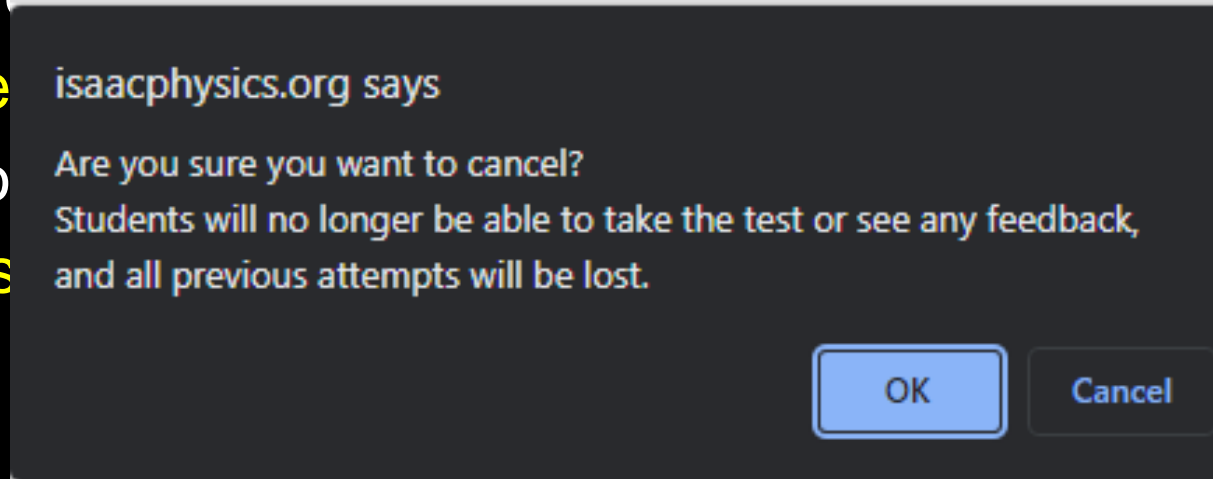
- You can use the tests in place of some (not all) of the **traditional tests** that we set students in the past.
- There is no timing facility within Isaac Physics
- Do the timing yourself...
- And the **marking** is easy.

Export as CSV

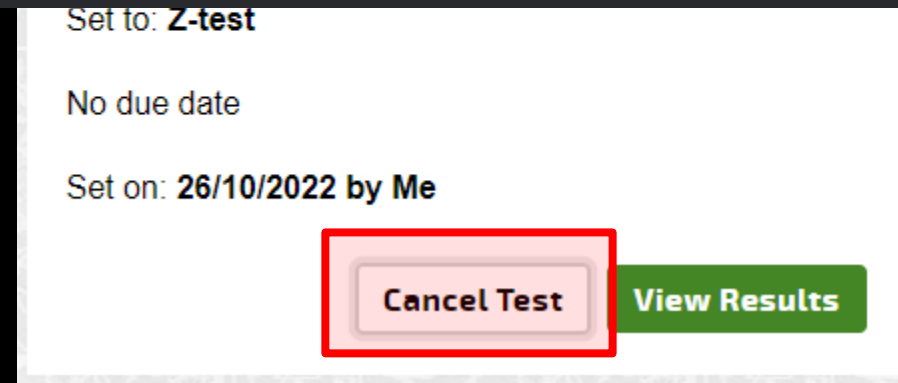
Test (Year 10 Motion Test) Results: Downloaded on Wed Oct 26 12:24:33 UTC 2022								
Generated by: Nick Davies								
		Complete	Correct	Incorrect	Not Atten	Year 10 M	Year 10 M	Yes
student	1	yes	4	6	0	Correct	Incorrect	Inc
student	2	yes	8	2	0	Correct	Correct	Inc
student	3	yes	8	2	0	Correct	Correct	Inc
student	4	yes	6	1	3	Correct	Correct	Co
student	5	yes	8	2	0	Correct	Correct	Co
student	6	yes	10	0	0	Correct	Correct	Co
student	7	yes	10	0	0	Correct	Correct	Co
student	8	yes	8	2	0	Correct	Correct	Co
student	9	yes	9	1	0	Correct	Correct	Co
student	10	yes	7	3	0	Correct	Correct	Inc
student	11	yes	7	3	0	Correct	Correct	Co
student	12	yes	5	5	0	Correct	Incorrect	Co
student	13	yes	9	1	0	Correct	Correct	Co
student	14	yes	6	4	0	Correct	Correct	Co
student	15	yes	9	1	0	Correct	Correct	Co
student	16	yes	10	0	0	Correct	Correct	Co

Cancelling tests

- Once you have recorded your test results
- Go to **manage tests**
- Select the test to cancel
- Select **cancel test**



Students can now do the tests again by themselves



Having a 'play'

I have set up a group called **Z – A test group** and I am the only 'student' in it, so I can see it from the students' point of view.

Active

Archived

Groups:

Alphabetical

Create new group

Y10 Apgar 2022-24

×

Y10 Curie 2022-24

×

Y10 Hopper 2022-24

×

Y11 Curie 2021-23

×

Y11 Dalton 2021-23

×

Y11 Pincus 2021-23

×

Y12-1 2022-24

×

Y12-2 2022-24

×

Y13-1 2021-23

×

Y13-2 2021-23

×

Z - A test group

×

Edit group

Add / remove group managers or

Invite users

Z - A test group

Update

*Group name is shared with students

Archive this group

1 users in this group

Nick Davies

Reset Password

×