



Penistone Grammar School

Never Stop Flying

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Achieving Excellence through a Values Driven Education

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Dear Parents/Carers

GCSE science students have now completed all their science practice exams and their overall practice exam grades can be found on the science SharePoint along with their personalised exam feedback. We feel as a science team that it would be a good time to share the support available for students as we head into the exam season so this is outlined below.

We have created a personalised practice exam analysis page for every student. To access this, students need to log into teams and click on the PGS logo in the menu. Then go to Department sites, Science, 10 11 GCSE Science, [Science Practice Exam Analysis](#). Students have all been shown how to access this.

On this page we have uploaded the analysis from all three mock exams that students sat in each science subject. For each of these exams we have given the relevant Sparx Science codes that can be used to revise each topic. Students should start with the topics they found most challenging in the practice exams and these are highlighted in red and orange on their feedback. An example is given below:

Y10 Paper 1 Biology

Biology Topics

ResultTitle ↑	Value	Sparx Code
Animals	75%	R951 R989 R564 R129 R480
Bioenergetics	75%	R139 R548 R767 R889 R617
Diversity	38%	R136 R161 R128
Hormones	42%	R780 R274 R955 R779 R831 R959 R658 R238 R439 R302 R409 R752 R147 R151
Plants	54%	R393 R180 R704 R802 R751 R544 R251 R312
Reproduction	100%	R602 R606 R384 R996 R666 R496 R593
Respiration	33%	R937 R694 R193 R549 R905 R661 R690 R326 R316 R388 R345 R370 R851

Biology Skills

ResultTitle ↑	Value
Calculation	36%
Explanation	69%
Practical Method	67%
Recall	59%

The Sparx science codes provided can then be entered into Sparx Science via the [independent learning section](#), clear instructions on how to do this are given on the exam analysis page. This will allow students to prioritise and work on the areas they need to improve. This section also has an extensive range of **flashcards** that students can work through to help with knowledge recall for each of the topics studied in the science GCSE course.

Independent Learning Previous tasks

Personal practice
Let Sparx choose practice questions for you, based on what you've done in your homework.
[Start new >](#)

My Flashcards
Practise key facts based on your homeworks
[Practise Flashcards >](#)
Confident: 0
Mastered: 0

Choose a topic
Search topics: Search topic names or codes Level: **Level 2** (Default) Curriculum: KS3

- ▼ **Biology**
- ▼ **Chemistry**
- ▼ **Physics**
- ▼ **Skills**

Students also need to be completing their personal practice every week as this is tailored to the areas of Sparx that they have struggled with through the year. They will find these questions challenging, but revising the more challenging content for them will make all the difference in the final exams and help close gaps in their knowledge.

Additionally, students have been provided with a booklet of past paper questions to give them exam practice along with a week by week revision timetable. The booklet is particularly useful for longer answer questions and application of knowledge. Mark schemes for the questions can be found by following the QR code on the front of the booklet. The mark schemes along with whole practice papers are also found on our



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science SharePoint where students can access an extensive range of revision resources, for example, videos, quizzes and virtual practicals to help revise the important **required practicals** in science, a key assessment area for the upcoming exams.

Finally, each Tuesday after school we have science revision sessions where students can come to revise independently or use revision materials provided to get support from a subject specialist. Staff will also be available throughout study leave for support so students can attend their normal lesson time and get revision support from each subject specialist.

We wish all of our students the best in preparing for their GCSE exams and want to reassure them that we are always here for support and guidance during this important preparation time.

Kind Regards

Mr Unwin

Curriculum Area Leader Science

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