Science 'Presentation, Marking and Feedback' ebook



Achieving Together

The rationale of the Science exercise book:

- ✓ Science exercise books are used by the pupils to record notes, develop ideas and practice skills e.g recording results, drawing graphs, calculations, writing explanations, answering questions.
- \checkmark Work should always be well presented and of the highest quality. All worksheets should be glued-in.
- Pupils should use a pencil and ruler when drawing a results table and only use a pencil when plotting a graph.
- ✓ Exercise book layout

<u>KS3</u>

Laboratory safety rules

Science marking codes

<u>KS4</u>

Command words

Science marking codes

*Laboratory safety rules to go in the front of core practical book

- ✓ At KS3 pupils also use a Science practical assessment booklet and homework booklet.
- \checkmark At KS4 pupils complete all Core practical work in a separate core practical book.

✓ Colours of exercise books

Year 7 purple Year 8 red Year 9 dark green Biology pale green Chemistry blue Physics yellow

Marking and feedback policy in Science:

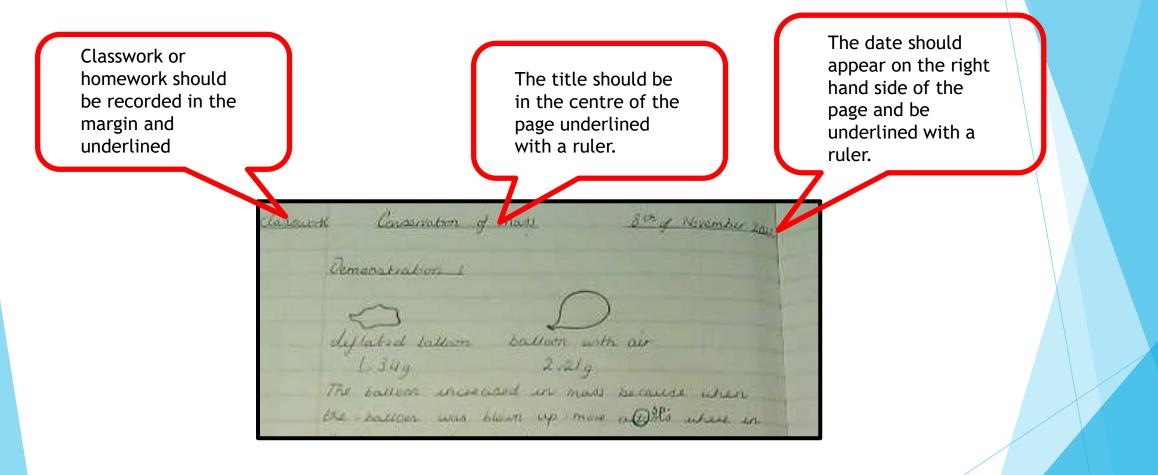
- Pupils should receive feedback from teachers every fortnight (in line with the school's marking and feedback policy).
- Feedback can take a range of different forms such as: peer, self and teacher marking; verbal feedback and whole-class feedback.
- ✓ It is important that pupil effort is recognised and rewarded and any sub-standard work re-done.
- Teachers should use the science marking codes opposite to make marking manageable and consistent within the department.
- Exercise books and homework booklets are a combination of teacher and self marking.
- ✓ Science practical assessment tasks at KS3 and KS4 are marked by teachers.
- Pupils complete end of unit assessments at the end of each topic (approximately one per half term). These are marked by the teacher and followed up by a lesson that is dedicated to reflection, improvement and addressing misconceptions.
- Pupils should use a blue or a black pen when completing work. A purple pen is used when a pupil responds to feedback and a red pen is used when a pupil self-edits or proofreads their work.

Drawing graphs in Science:

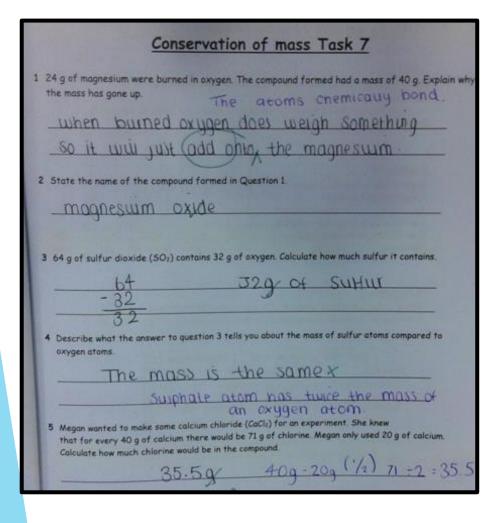
- Pupils should use a pencil and ruler when drawing the axes and a pencil to plot the points and label.
- ✓ All pupils to be given a graph checklist that is to be glued on the graph. This is to be used by both pupils and teachers to check that all the criteria has been covered.

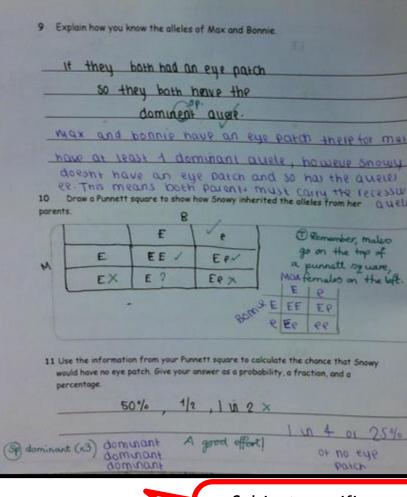
Graph checklist	√/x
X axis correctly identified	
X axis scale	
X axis labelled with units	
Y axis correctly identified	
Y axis scale	
Y axis labelled with units	
Points plotted accurately	
Line/curve of best fit	
Title identifying dependent and independent variables	
Кеу	

How a pupil should set their work out:



The marking and feedback codes in action:





Subject-specific spellings should be completed three times. Pupils respond to feedback in purple pen either by adding/amending their work.

Example of work that has self-marked and improved using purple pen.

screen filter No light reached the screen. Explain why. 2 No light reached the screen because red and green are both primary idours of light, so they aren't made up of any other colours, like secondary colours IF they had a colour (s) in common, then it would reflect that colour. (2 marks) 0/2 A so they want mix together. X allowed throughterd filter and out the other Eilter would abcorb the ray Leht

Example of a graph and use of graph checklist.

