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08 December 2025

Dear Parents and Carers,

Subject: Revision list for Year 7 in-class Science assessment

I am writing to inform you that Year 7 have a Science assessment on Monday 5 January 2026, which will take place during their science lesson. The assessment will be based on the work they have covered this year.

It is imperative that your child starts to revise now so that they can achieve the best possible result.

To aid their revision, students have been set two weeks' worth of Sparx science revision, for 22 December to 02 January, on the specific topics that will appear in the test.

I have included a revision list below with the relevant revision guide pages and recall questions. Students will also receive a glossary of key terms ahead of the test.

Your support in ensuring your child prepares thoroughly for the forthcoming assessment is much appreciated.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Ms Akhigbe', with a long, sweeping underline.

Ms Akhigbe
KS3 Science Lead

Revision List for 22 December 2025 – 02 January 2026

BIOLOGY	Key Stage 3 Revision guide (page numbers)	Recall questions
Cells	2-9	<ol style="list-style-type: none"> 1. Which organelle in plant cells contains chlorophyll and what is its role? 2. What is the role of mitochondria in both plant and animal cells? 3. Name one structure found in plant cells but not in animal cells. 4. Which part of a sperm cell contains the genetic information needed for fertilisation? 5. Which plant cell type is specialised for transporting water through the stem?
Reproduction	20-31	<ol style="list-style-type: none"> 1. Which hormone triggers changes in boys during puberty? 2. What is the role of cilia in the reproductive system? 3. Give one structural adaptation of a sperm cell that helps it fertilise an egg. 4. Which hormone triggers changes in boys during puberty? 5. How does a developing human foetus receive nutrients?

CHEMISTRY	Key Stage 3 Revision guide (page numbers)	Recall questions
Particle Kinetics	68-77	<ol style="list-style-type: none"> 1. Which process turns a solid into a liquid? 2. Which process turns a gas into a liquid? 3. How does pressure affect the distance between gas particles? 4. Which metal is most likely to rust when left in water? 5. Why does opening the air hole of a Bunsen burner produce a hotter flame?

PHYSICS	Key Stage 3 Revision guide (page numbers)	Recall questions
Space	172-189	<ol style="list-style-type: none"> 1. Which planet comes directly after Venus in the solar system? 2. Name one everyday use of satellites. 3. Why does the Sun appear lower in the sky during winter in Britain? 4. What happens to an astronaut's weight when they move from Earth to the Moon? 5. Why do planets further from the Sun take longer to complete an orbit?