Bottisham Village College
Achievement through Inspiring, Caring, Enriching

Principal: Mrs Jenny Rankine M.Ed LLCM

Lode Road, Bottisham
Cambridge CB259DL
Tel: 01223 811250
www.bottishamvc.org
enquiries@bottishamvc.org

HG/bg

October 2026

Dear Parent/Carer

Year 7 Tier 2 Science Assessment

Summary of Actions	Deadline
For Information.	N/A

Year 7 will shortly be sitting their first Tier 2 assessment in Science, and I would like to share some information with you that will help you to support your child at home.

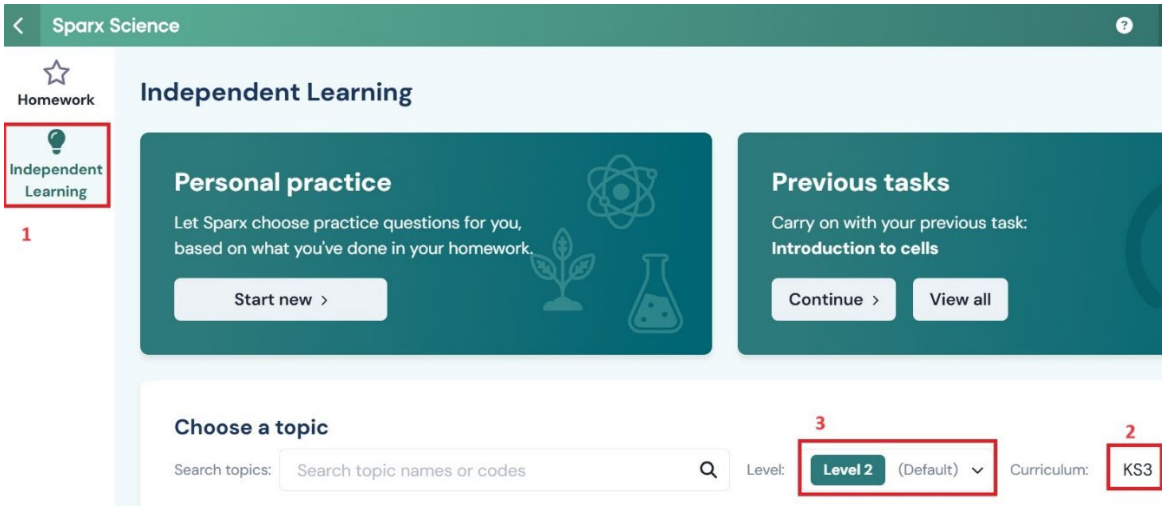
Content

The assessment will cover two topics: **Energy and The Particle Model.**

The Knowledge Organisers for these topics are included in the **Year Seven Term 1 Knowledge Organiser** here and your child will have a copy of them in their class book.

Revision Tips

- **Sparx Science** (https://sparxscience.com/) can be used by students to complete Independent Learning:
    1. Click on Independent Learning.
    2. Check it is set to KS3.
    3. Change the Level of challenge if needed. This will provide them with lots of questions to check their understanding.



ANGLIAN LEARNING
CREATIVITY COLLABORATIVES
ARTS COUNCIL ENGLAND
ARTS COUNCIL ENGLAND
Artsmark Platinum Award
Awarded by Arts Council England

Bottisham Village College
Achievement through Inspiring, Caring, Enriching

Principal: Mrs Jenny Rankine M.Ed LLCM

Lode Road, Bottisham
Cambridge CB259DL
Tel: 01223 811250
www.bottishamvc.org
enquiries@bottishamvc.org

- The topics that will be covered in the assessment are as follows – you are able to select each one from the lists under the heading "Choose a Topic":

Energy	Particle Model
Energy stores – F353 KS3 > Physics > Energy Energy transfers – F243 KS3 > Physics > Energy	States of matter – F377 KS3 > Chemistry > The particulate nature of matter Changes of state – F985 KS3 > Chemistry > The particulate nature of matter
Renewable energy resources – F645 KS3 > Physics > Energy Non-renewable fuels – F783 KS3 > Physics > Energy	Predicting states of matter – F479 KS3 > Chemistry > The particulate nature of matter

- A helpful way to learn the scientific keywords would be **"Look, Cover, Write, Check"** in the same way that your child will have previously learnt spellings.
- **BBC Bitesize for KS3 Science** is extremely useful for explaining topics, especially if your child has missed any lessons: https://www.bbc.co.uk/bitesize/subjects/zng4d2p
- **The Learning Scientists** have a series of short videos (including "child-friendly" versions) showing effective revision strategies: https://www.learningscientists.org/videos.

Assessment Day

- Please remind your child to bring all their equipment for their assessment – this includes a pen, pencil, ruler and a calculator.
- Students are **always** allowed to use a calculator in science assessments and GCSE exams.

If you have any further questions, please do not hesitate to contact your child's Science teacher or me (hgoodwin@bottishamvc.org).

Yours sincerely,

Mrs H Goodwin
Head of Science

ANGLIAN LEARNING CREATIVITY COLLABORATIVES ARTS COUNCIL ENGLAND | ARTS COUNCIL ENGLAND Artsmark Platinum Award Awarded by Arts Council England