

## End of KS3 Science Assessment

On Wednesday 7 June 2023, you will have your end of KS3 science assessments. This data will be used as part of our information for class setting in year 9, along with previous assessments and teacher input.

It is important to note here that in year 9, all students are taught the same content which does not limit them to which tier they will eventually sit in their GCSE exams. This allows students to move between groups depending on their progress over the course of the year and/or into year 10.

The content of the assessment includes some topics from year 7 and year 8, these are listed below.

Alongside each topic is a link to the **relevant** BBC bitesize pages for support materials. There is also a link to SENECA, an interactive online learning tool.

<https://senecalearning.com/en-GB/>

Most students should have an online SENECA account - they sign in for free using their school google account. Once there, they need to click on '**add courses**' and then search for '**science KS3**'. They can then complete assignments from the topic list below as required.

Could be included:

## Biology

### Year 7 topics:

#### Cells

<https://www.bbc.co.uk/bitesize/topics/znnycdm/articles/zkm7wnb> Animal and plant cells

<https://www.bbc.co.uk/bitesize/topics/znnycdm/articles/z8cqqr> Diffusion

### Year 8 topics:

#### Diet and Health

<https://www.bbc.co.uk/bitesize/topics/zf339j6> all parts

#### Ecosystems and interdependence

<https://www.bbc.co.uk/bitesize/topics/zxhhvcw/articles/zjh4r2p> food chains and webs

<https://www.bbc.co.uk/bitesize/topics/zxhhvcw/articles/zw46m39> changes to food webs

<https://www.bbc.co.uk/bitesize/topics/zxhhvcw/articles/z64ddp3> Pyramids(number and biomass)

#### Photosynthesis (not respiration)

<https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zn4sv9q>

<https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zjqfks7> photosynthesis

## Chemistry

### Year 7 topics:

#### Atoms, elements and compounds

<https://www.bbc.co.uk/bitesize/topics/zstp34j> This topic is closely related to the 'reactions' topic where these terms are regularly used and applied.

#### Acids and bases

<https://www.bbc.co.uk/bitesize/topics/zn6hvcw>

### Year 8 topics:

#### Reactions

<https://www.bbc.co.uk/bitesize/guides/zqd2mp3/revision/1> types of reactions

#### Earth and atmosphere

<https://www.bbc.co.uk/bitesize/topics/z3fv4wx>

## Physics

### Year 7 topics:

#### Energy

<https://www.bbc.co.uk/bitesize/topics/zc3g87h/articles/zg2sn9q> types of energy stores

#### Waves

<https://www.bbc.co.uk/bitesize/topics/zw982hv>

### Year 8 topics:

#### Electricity

<https://www.bbc.co.uk/bitesize/topics/zgy39j6>

#### Forces

<https://www.bbc.co.uk/bitesize/topics/z4brd2p/articles/zs3896f> types of forces

<https://www.bbc.co.uk/bitesize/topics/z4brd2p/articles/zhnfp4j> resultant forces

<https://www.bbc.co.uk/bitesize/topics/z4brd2p/articles/zw9qwnb> speed