

## Science catch up plans 2020

### Science

#### **KS3**

##### **Catch up plans:**

All topics covered in lockdown will be RAG rated and pupils filled in a google form to share their responses.

Individual teachers use this to inform planning / teaching for their own classes and revisit work covered in lockdown.

Evidence of learning will be through verbal and written questioning / explanations/ quizzes.

##### **Support:**

Access to online resources such a bbc bitesize and Oaks National Academy.

Purchase of KS3 revision guides and workbooks so targeted revision can be set for pupils to do at home.

##### **Contingency plan:**

All students added to the relevant google classroom (Y7 / Y8) which has resources uploaded to run in parallel to the lesson being taught this half term. This will be updated half termly with new resources. If students need to isolate all powerpoints and worksheets will be accessible. In the event of a year group isolating, we will switch to live lessons for pupils but resources will still be accessed via the google classrooms. Science teachers will also set up their own google classroom for their classes for assessment purposes. Assessments will be through google quizzes.

#### **KS4**

##### **Catch up plans:**

All topics covered in lockdown will be RAG rated and pupils filled in a google form to share their responses.

Individual teachers use this to inform planning / teaching for their own classes and revisit work cover in lockdown.

Y9 Review of topics taught in lockdown (Y8 content) before moving onto new GCSE content. Evidence of learning will be through verbal and written questioning / explanations/ quizzes.

Y10 Review of topics taught in lockdown (Y9 content) before moving onto new GCSE content.

Evidence of learning will be through verbal and written questioning / explanations/ quizzes and summative assessments.

The Y11 teaching schedule was changed to allow 3 weeks of catch up. Evidence of learning will be through verbal and written questioning / explanations/ quizzes and summative assessments.

***This has now been changed due to Y11 isolating for 2 weeks. Y11 Trilogy will now move on to the next teaching topic which is Earth and Atmosphere (a 2 week topic) to be taught as live lessons. GCSE Chemistry will do the same topic.***

GCSE Biology and GCSE Physics will continue to review learning through live lessons.

##### **Support:**

Access to online resources such as BBC Bitesize and Oak National Academy.

Purchase of KS4 revision guides and workbooks so targeted revision can be set for pupils to do at home.

Purchase of textbooks for targeted students.

After school revision sessions

Additional resources:

Flip around Physics online resources

Chemsheets and Exampro

GCSE biology resource

### **Contingency plan:**

All students added to the relevant Google Classroom (Y9 / Y10/ Y11) which has resources uploaded to run in parallel to the lesson being taught this half term. This will be updated half termly with new resources. If students need to isolate all powerpoints and worksheets will be accessible. In the event of a year group isolating, we will switch to live lessons for pupils but resources will still be accessed via the Google Classrooms. Science teachers will also set up their own Google Classroom for their classes for assessment purposes. Assessments will be through Google quizzes.

### **KS5 Bio / Chem / Phys**

#### **Catch up plans:**

Baseline assessments given to Y12/ Y13.

Used to inform planning / revision / intervention of Y12 (course suitability) / Y13 cohort.

3 weeks revision timetabled in for revision of topic covered in lockdown with class assessments before moving onto new content.

#### **Support:**

Purchase of revision guides and workbooks for Y12/Y13 students.

Purchase of textbooks for targeted students.

Flip around Physics online resources

Chemsheets and Exampro

A-level biology resource

After school revision sessions

### **Contingency plan:**

All students have been added to individual teacher classrooms where resources/ homework and assessments will be uploaded to run in parallel to the lesson being taught this half term. This will be updated half termly with new resources. If students need to isolate all powerpoints and worksheets will be accessible. In the event of a specific group isolating, we will switch to live lessons for pupils but resources will still be accessed via the Google Classrooms.

### **KS5 Psychology**

#### **Catch up plans:**

Students have been revising biopsychology and have had a baseline assessment which would have been their "mock" last academic year. They have a biopsychology workbook which will identify their gaps in that unit & these will be addressed using starters & plenaries as we continue the course.

**Support:**

After school revision sessions will be run where possible.

**Contingency plan:**

Students have access to the google drive which has a week by week overview of what we have/will be covering; we also have a google classroom where I post the work each week/lesson also.

**KS5 BTEC Applied Science****Catch up plans:**

For units covered in lockdown coursework assignments can be completed in the allocated lesson time.

Most students have started new topics with different teachers.

**Support:**

I.T support and chrome books available for BTEc students.

Option to move to a lab for practical requirements for particular units.

Revision aids / guides purchased for students.

**Contingency plan:**

All students have been added to individual teacher classrooms for the units they are studying. Resources/ homework and assessments will be uploaded to run in parallel to the lesson being taught this half term. This will be updated half termly with new resources. If students need to isolate all powerpoints and worksheets will be accessible. In the event of the group isolating, we will switch to live lessons for pupils but resources will still be accessed via the google classrooms.