

Planning appendix – Covid-19 adaptations



Subject	Science
Class	Key Stage 4
Teacher	Dawn Henderson

School was closed for teaching purposes on March 23rd due to the Covid-19 pandemic. This caused considerable disruption to the education of our pupils and may continue to affect their academic and personal development in the 2020-2021 school year. Consider the potential impact of this disruption and detail any planned changes or mitigation measures to curriculum planning and delivery.

Area of impact	Planned changes
Curriculum	<p>Learning related to the Entry Level Certificate has continued throughout lockdown in a bid to keep pupils on track with the long - term plan and achieve deadlines relating to the completion of the course.</p> <p>Pupils in year 10 were provided with learning relating to the topic that they were covering as well as some self-directed study in preparation for the next topic to be covered in September 2020. It is recognized that for some pupils this has provided challenge in relation to completion of work so subsequently the curriculum for September 2020 will need to adapt to cover lost learning and return all pupils to similar learning points within their topics.</p> <p>Focus for the first half term will be consolidation of learning to allow individuals to complete both externally set and internally set assessments with an outlook to returning to topic teaching linked to the Long-term plan for KS4 between October and Christmas. It is envisaged that all pupils that would have been previously entered for ELC qualification will be entered with no change at the appropriate point.</p> <p>The school is awaiting further information on changes to the Summer 2021 examinations.</p>
Lesson content	Lessons are planned to compliment the MTP for each of the 3 topics as they would normally be.
Lesson delivery	<p>Lessons are delivered in the Science room allocated to ensure that the pupils have full access to the practical aspect of the programme of learning to support them in completing internally set practical assessments.</p> <p>All lessons are delivered by a Science specialist teacher.</p> <p>In the event of further lockdown and school closure or reduced attendance: See Other areas</p>

Assessment	<p>All pupils are assessed pre and post topic through materials provided by AQA examination board. Pre topic assessment allows the teacher to gauge accurately the level of prior understanding and identify individual knowledge and understanding gaps that need addressing throughout the topic.</p> <p>In relation to future lockdown the pre-topic knowledge check is being carried out in advance for the remaining two topics so that in the event of further loss of learning evidence is available to support future need for teacher assessment. In addition, a focus on the practical elements of the course are being prioritized so that evidence is able to be provided of student's actual work rather than approximations or averages linked to previous learning.</p> <p>As pre-lockdown, progress will also be recorded through Working scientifically (progression) as well as tracking success pathways linked to AQA outcomes.</p>
Resources	<p>The school has purchased a package of support through OUP Kerboodle to ensure that accessible work is provided in the case of further lockdown. The package includes interactive presentations, e-books, learning activities and assessment points that will be accessible for all students completing the Entry Level Course.</p>
Accreditation if applicable	<p>All students planned to be entered for the ELC will be entered at the appropriate point</p>
Other areas	<p>For future lockdown</p> <p>Science lessons will be delivered via TEAMS following the topics and activities written within the KS4 long term plan. Activities will be uploaded via TEAMS where practicable and for those students with limited access to internet work will be printed and delivered / posted on a half termly basis. Activities will be limited to those that are accessible from home in terms of resources and printing. Teachers will continue to assess progress through work completed and where required will use the Kerboodle package to oversee end of topic assessment through remote access. Where practical assessment is required then this will be done (as advised by the examination board) as a teacher demonstration with students recording, reporting and analysing data to produce their own practical assessment write ups.</p> <p>Consideration will need to be given to the completion of Externally set assessments (End of module tests) as these should be done under examination conditions. It may be necessary for this to be done on a rota basis within school or alternatively look at evidence from the pre-topic knowledge check to provide a teacher- based judgement. The school is awaiting further information on changes to the Summer 2021 examinations.</p>