

## Planning appendix – Covid-19 adaptations

<b>Subject</b>	Science
<b>Class</b>	Key Stage 3
<b>Teacher</b>	Dawn Henderson / Jonathan Anderson / Danni Copestake



School was closed for teaching purposes on March 23<sup>rd</sup> 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.

<b>Area of impact</b>	<b>Planned changes</b>
Curriculum	As agreed with SLT the focus of the first half term in Science will on 'checking in' on pupil's mental health and wellbeing as well as re-engaging them in learning in a creative ways. Long term plans have been adapted to include time to engage with "whiz pop bang" activities and for some of the more able year 9 pupils in an extended research project looking at the history of disease and epidemics from a scientific perspective. After the first half term learning will return to the National Curriculum topics through the long-term planning document.
Lesson content	Lessons at KS3 reflect the creative nature of the Whiz, pop bang offering and include activities chosen by the pupils to spark their curiosity and reflect their individual interests. After half term lessons will return to those outlined within MTP for each topic area
Lesson delivery	Lessons are delivered in the room allocated to the form group In the event of further lockdown and school closure or reduced attendance: See Other areas
Assessment	All pupils will commence with a baseline level taken from their last data update before school closure. Pupils progress will be assessed through 'working scientifically' on a termly basis. For year 7 pupils a baseline knowledge test will be completed to give teachers and indication of the level of understanding of new entrants across all four key areas of science, baseline will be calculated based on evidence of working scientifically within the whiz, pop bang activities as well as through questions within the baseline knowledge test.
Resources	The school has purchased subscription to Whiz pop bang to support the first half term's activities as well as a package of support for Non-specialists (OUP Kerboodle) to ensure that accessible work is provided in the case of further lockdown.

Accreditation if applicable	Whiz, pop, bang activities will be acknowledged through the programs 'Y' club certificate and for NC based topics will have attached AQA unit awards to accredit any work completed in lockdown.
Other areas	<p><b>Previous lockdown and Summer break (March – September)</b>  Year 7 pupils have been provided with the opportunity to access a summer science club and have had regular weekly TEAMS sessions to provide support across lockdown and the summer holidays. The summer science club was supported both by parents and students attending and allowed the Science lead to 'cast an eye' on individuals on a weekly basis and support positive the health and wellbeing of the families involved. An example of lockdown was a focus on 'toilets' and explored how the toilet worked, what the London sewage system was, a day in the life of a microbiologist and an activity on biodegradable materials. In science club students took on recycling by making plastic bag kites and created their own geodes in their sparkly science sessions.</p> <p><b>Future Lockdown</b>  In the event of future lockdown (within the first half term) lessons will be delivered via TEAMS following the approach detailed above. Activities linked to Whiz pop bang 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.</p> <p><b>For later lockdown</b>  Science lessons will be delivered via TEAMS following the topics and activities written within the KS3 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. All students will have access to e-learning and e-text for their appropriate stage.</p>