## Transmission routes for COVID-19 and how to reduce them (V1 31 October 2020)

Transmission route	How it works	Some of the ways we reduce this transmission route
Direct contact	<ul> <li>An infected person touches another person (kissing, hugging, holding hands, contact sport).</li> <li>This is the easiest way to pass on the virus, but also the easiest to prevent.</li> </ul>	<ul> <li>No physical contact in PE, Drama, Dance lessons</li> <li>No hugging, holding hands, etc in social times</li> </ul>
Droplet	<ul> <li>Small droplets of saliva are expelled during normal breathing and speaking.</li> <li>Larger numbers of these droplets are expelled during singing, coughing, sneezing, physical exercise, etc</li> <li>These droplets are relatively large (sometimes even visible) so drop to the floor fairly quickly and do not travel large distances (typically less than 2.0m)</li> </ul>	<ul> <li>Students seated as far apart as possible, facing in same direction</li> <li>Minimise movement around rooms</li> <li>No singing / shouting / chanting / wind instruments</li> <li>Students at least 2.0m apart during physical activity</li> <li>Maintain distancing at social times</li> <li>Catch coughs and sneezes in a tissue, dispose in a foot-operated bin</li> <li>Everyone wears a face mask in communal spaces.</li> <li>Use of face masks encouraged in lessons</li> <li>Specified entrances to minimise time on corridors on way to first lesson</li> <li>Staggered ends to the school day</li> <li>Maintain 2.0m spacing around staff</li> <li>In the event of a positive test, staff / students who have been within 2.0m for more than 15 minutes will isolate for 14 days.</li> </ul>
Aerosol  \( \frac{1}{2}	<ul> <li>Tiny droplets of saliva are expelled during normal breathing and speaking.</li> <li>Huge numbers of these droplets are expelled during singing, coughing, sneezing, physical exercise, etc</li> <li>These droplets are so small that it takes them a long time to drop to the floor and they can travel long distances</li> <li>Infected person touches surfaces/materials, or droplets of their saliva land on the surface/material.</li> <li>Someone else touches the surface/ material.</li> </ul>	<ul> <li>Ventilation! Ventilation! Ventilation!         Windows and doors open as much as possible</li> <li>No singing / shouting / chanting / wind instruments</li> <li>Everyone wears a face mask in communal spaces.</li> <li>Use of face masks encouraged in lessons</li> <li>Students encouraged to spend social times outside. Picnic benches provided.</li> <li>Use of hand sanitiser on entry to school and start of each lesson</li> <li>Avoid touching face / mouth</li> <li>Thorough spraying / wiping of tables / surfaces between classes</li> <li>No sharing of materials / books / equipment between bubbles</li> <li>72-hour quarantine between collecting work and marking</li> </ul>
		<ul> <li>No loaning of stationery</li> <li>Designated year group spaces for break/ lunchtime</li> <li>Designated toilets for each year group.</li> <li>Increased cleaning of door handles, communal surfaces and toilets</li> </ul>