

<u>Activity</u>	<u>PPE Face mask</u>
<u>1</u>	<p>Staff need protective face masks.</p> <p>Can you design and make a mask?</p> <p>That will help protect them from catching a virus.</p>
2	<p>You need to consider what is needed for a mask</p> <ol style="list-style-type: none"> <li>1) Think of its function, what it needs to do and how the mask will accomplish this</li> <li>2) Think of how it will fit the wearer</li> <li>3) Think of it being reusable</li> <li>4) Think of comfort for the wearer.</li> </ol> <p>If you have masks at home, try them on to see how they feel - would you want to wear them for a long time? Look at different masks online, use these to help inform the information above.</p> <p>Record your findings</p>
3	<p>Design your mask.</p> <p>A good design needs to answer all the questions that you posed and found out about last week.</p> <p>Draw it from several views: the front side and back.</p> <p>Annotate the design to explain each part.</p> <p>Make sure you identify what it is going to be made out of and why.</p> <p>How are you going to attach it together?</p> <p>Identify how you will make it comfortable for the wearer and how they can adjust it to fit them. Can you add something to make it look cool?</p>
4	<p>Make the mask using the materials you suggested. Make it to fit yourself or a member of your household.</p>
5	<p>Wear the mask and evaluate it.</p> <p>This means look at each question that you answered and raised in week one to see if your mask solves the problem. If so, say how. If not explain how you would improve it.</p>