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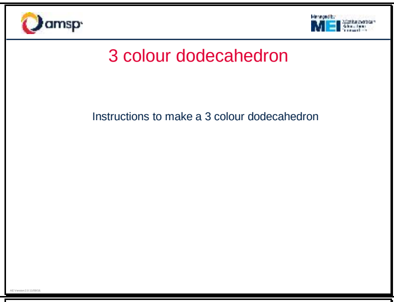
<tr><td>Slide 1</td><td>
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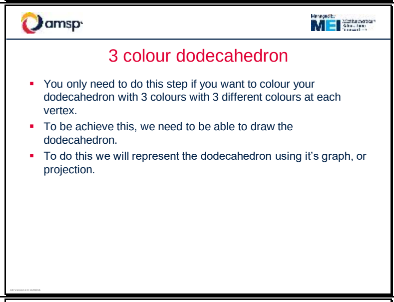
<tr><td>Slide 2</td><td>
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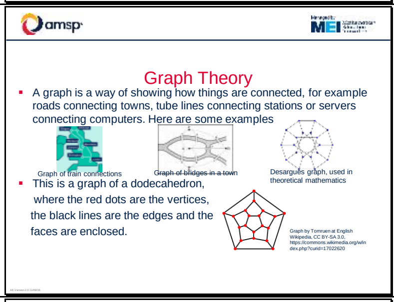
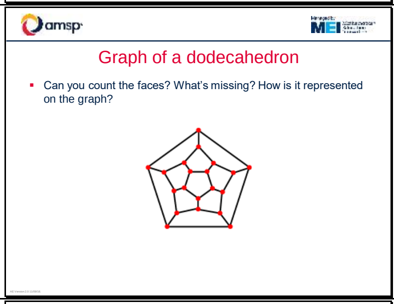
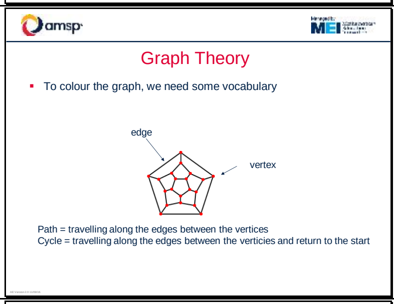
<tr><td>Slide 3</td><td>
</td><td>Emphasise that the word Graph has a different meaning in mathematics than in normal life. Graph theory has many connections to real problems, from mapping neuron transmissions in the brain to the interconnected nature of Facebook.</td></tr>
<tr><td>Slide 4</td><td>
</td><td>The 12th face is the pentagon on the outside. You can imagine lifting the 5 outside vertices off the paper and pulling the shape up to make a dodecahedron. Emphasise that the angles in the pentagon, or the irregularity of the pentagons is not important, the fact that they have 5 vertices and 5 edges with each vertex having 3 edges leading in to it is the important part. We can describe each vertex as having degree 3.</td></tr>
<tr><td>Slide 5</td><td>
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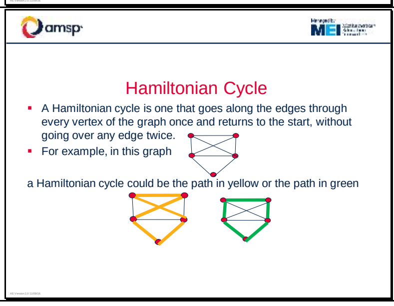
<tr><td>Slide 6</td><td>
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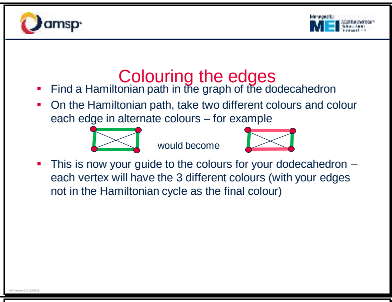
<td>
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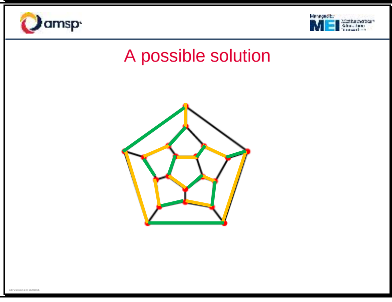
<td>
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