

Brookfield Community Primary School  
Computing Unit Overview      Year 5      Topic: Vector Graphics



| Sticky Knowledge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Key Vocabulary                                  |
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| <ul style="list-style-type: none"> <li>• To know how to identify that drawing tools can be used to produce different outcomes.</li> <li>• To know how to create a vector drawing by combining shapes.</li> <li>• To know how to use tools to achieve a desired effect.</li> <li>• To know that vector drawings consist of layers.</li> <li>• To know how to group objects to make them easier to work with.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  | <p>Vector, drawing, shapes, combine, layers</p> |
| National Curriculum Coverage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
| Information Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |
| <ul style="list-style-type: none"> <li>✓ Identify that a vector drawing comprises separate objects.</li> <li>✓ Add, select and delete objects in a vector drawing.</li> <li>✓ Duplicate objects using copy and paste.</li> <li>✓ Move, modify and reposition objects.</li> <li>✓ Group and ungroup selected objects.</li> <li>✓ Recognise that each object in a drawing is in its own layer.</li> <li>✓ Recognise that vector images can be scaled.</li> <li>✓ Recognise that objects can be modified in groups.</li> <li>✓ Explain how alignment and size guides can help create a more consistent drawing.</li> <li>✓ Combine objects to achieve a desired effect.</li> <li>✓ Consider the impact of choices made.</li> <li>✓ Create a vector drawing for a given purpose.</li> </ul> |                                                 |