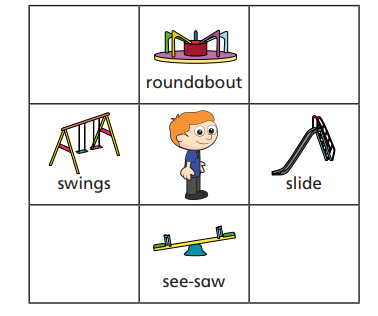
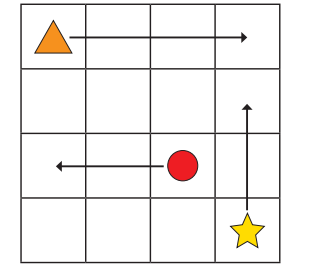
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| BFS Knowledge Organiser Topic Maths Yr 2 Autumn 1 |



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| Patterns | Position, movement and turns |
| 2 shapes in the core pattern that can be repeated.    3 shapes in the core pattern that can be repeated | Using words such as  forward, backwards and  left, right, up and down to  state the position of an  object.  Using words to describe  movement forwards,  backwards a number of  squares from one point to  another. |
| Vocabulary for patterns and sequences.  Order - shapes or objects laid horizontally or vertically in a specified way  Core - 2 or 3 shapes or objects that can be repeated in a pattern  Repeat - the core pattern or set of objects that is used over and over again  Ordinal numbers 1st, 2nd, 3rd, 4th etc - the position of a shape or object in the pattern  Rotation - Turning a shape or object to a different orientation. |
| Vocabulary for position, movement and turns  Forwards  Backwards  Up  Down  Left  Right  Clockwise  Anti-clockwise |
| Rotation    A shape is turned to face a different direction. |  |
| Looking for patterns in nature and those made by others. Creating patterns using natural objects. |
| Printing patterns in art using sponges, cotton reels etc and paint. |