## Two Rivers High School

Explorers - Year 7 \& 8
Knowledge and Skills

|  | Autumn 2022-23 | Spring 2022-23 | Summer 2022-23 |
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| Read and compare positive temperatures |  |  |  |  |  |
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| Recognise and name common 2D and 3D shapes: square, rectangle, circle, cube, pentagon, hexagon and octagon |  |  |  |  |  |
| Identify a right-angled triangle from a set of triangles |  |  |  |  |  |
| Recognise and name cuboids, pyramids and spheres |  |  |  |  |  |
| Describe the properties of 2D shapes including straight and curved edges and vertices |  |  |  |  |  |
| Identify line symmetry in a vertical line |  |  |  |  |  |
| Describe the properties of 3D shapes using number of edges, vertices and faces |  |  |  |  |  |
| Identify 2D shapes on the surface of 3D shapes |  |  |  |  |  |
| Compare and sort common 2D and 3D shapes and everyday objects |  |  |  |  |  |
| Understand angle as a measurement of turn |  |  |  |  |  |
| Rotate a shape clockwise or anticlockwise a quarter, half or three-quarter turn |  |  |  |  |  |

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|  | Autumn 2023-24 | Spring 2023-24 | Summer 2023-24 |
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| Compare and order lengths/ weights/ capacities in the same units |  |  |  |  |  |
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| Select a possible length/ weight/ capacity for a given item |  |  |  |  |  |
| Estimate the length/ weight/ capacity of given items |  |  |  |  |  |
| Describe capacity in fractions (empty, half full, full) |  |  |  |  |  |
| Sort and classify objects using more than one criterion |  |  |  |  |  |
| Collect information by survey |  |  |  |  |  |
| Record results in lists, tally charts and tables |  |  |  |  |  |
| Construct and interpret simple line graphs and block graphs |  |  |  |  |  |
| Construct and interpret pictograms where one picture represents one item |  |  |  |  |  |
| Interpret simple tables, diagrams, lists and graphs |  |  |  |  |  |
| Know the days of the week and their order |  |  |  |  |  |
| Order familiar events |  |  |  |  |  |
| Know the seasons and months and their order |  |  |  |  |  |
| Know that 1 week=7 days; 1 day=24 hours; 1 hour $=60$ minutes; 1 minute $=60$ seconds |  |  |  |  |  |
| Read the time to nearest fifteen minutes on an analogue clock and be able to draw the hands on |  |  |  |  |  |
| Read any time on a 12-hour digital clock |  |  |  |  |  |
| Find the difference between two times given in hours, half hours and quarter hours |  |  |  |  |  |

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