

Mathematics: 2nd year of cycle Autumn 2

Class	Topic	Main Learning Outcomes	General work activities
Foundation	“Thomas & Friends”	Sort & match various transport objects & pictures. Begin to group items following one property. Use counting skills in different setting. Investigate & begin to recognise common shapes around them. Engage in construction play & building simple vehicles & garages.	Begin to locate familiar equipment. Develop simple IT skills. Rote counting & number songs. To respond to “more/ less” Explore capacity through sand & water play
KS1	Understanding shape (“Thomas & Friends”)	Use a range of descriptive words including colour & size. Categorise objects according to colour or size Estimate amounts & check results by counting & recording. Use comparative vocabulary relating to size & position. Collect simple data and present in a visual form eg block graph.	Develop IT skills Ordering, recognising and counting numbers Complete counting on sums. Sort and match objects by set criteria.
Yr 3 & 4	Understanding shape (“Ancient Greece”)	Recognise common shapes around them & discuss their properties To describe shapes according to features: eg edge, point/ corner, side/ surface To create patterns & pictures with shapes To understand simple symmetry To respond to instructions about position, direction and movement	Use IT programmes to record results of investigations. Complete simple sums using addition & subtraction. Be able to find equipment for familiar tasks.
Yr 5 & 6	Understanding Shape (“Time Team”)	Be able to talk about & identify properties of common 2-D and 3-D shapes. Sort shapes according to properties and record findings. Locate, label & identify shapes in their local environment.. Investigate which shapes tessellate using art activities & real objects. Be able to draw lines of symmetry in shapes.	Develop use of IT to record results & data. Complete sums using addition & subtraction. Use appropriate equipment for a task. Use search engines to collect information about habitats.