

Mathematics: 2nd year of cycle Spring 1

Class	Topic	Main Learning Outcomes	General work activities
Foundation	“Pets”	Sort and count animal figures. Match & sort by at least one attribute eg colour, size. Begin to use language relating to size. Talk about colour, size or shape of animals in picture books. Explore and begin to identify patterns eg stripes, spots.	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	Measures (“Pets”)	Use non-standard measures to measure items in and out of the classroom. Order a number of items eg. toy animals by length or height. Use simple vocabulary for measures eg. big/little when in structured play. Begin to choose the appropriate equipment for measuring and answering questions.	Develop IT skills Ordering, recognising and counting numbers Complete counting on sums. Sort and match objects by set criteria.
Yr 3 & 4	Measures-Distance (“Tickets Please”)	Use standard measurements when measuring short and long distances around the school site. Use vocabulary relating to distance and how far places are away. Choose the appropriate equipment for answering a key question. Organise data collected in lists and block graphs. Respond to and begin to give directions in games and when using remote controlled devices.	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 (“Masterchef”)	Use correct vocabulary for describing the properties of 2D & 3D shapes Be able to recognise and talk about shapes in the environment. Understand that some shapes are symmetrical and some are not. Understand that some shapes tessellate and some do not. Explore repetitive shape patterns in art (eg.Esher), using the key vocabulary.	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.