

Primary Calculation Policy

EYFS Multiplication

	Mental Strategies	Concrete	Pictorial	Abstract	Vocabulary	Models, Images and resources
EYFS	The link between addition and multiplication should be introduced through doubling. Numicon is used to visualise the repeated adding of the same number. These can then be drawn around or printed as a way of recording.  Real life contexts and use of practical equipment to count in repeated groups of the same size: How many wheels are there altogether?  Count in twos; fives; tens both aloud and with objects.	Repeated grouping/repeated addition 	Children to draw the concrete resources they are using. 	Write the number sentence $2 + 2 + 2 = 6$	Lots of Groups of Times Repeated addition Double	100 square Number lines Number tracks Bead strings (for children) Bead bar Tens Frame Numicon Place Value Disks Cuisenaire Base tens and ones
	Useful IWB links for manipulatives	https://www.coolmath4kids.com/manipulatives/base-ten-blocks https://mathsbot.com/manipulatives/placeValueCounters https://mathsbot.com/manipulatives/bar https://classroomsecrets.co.uk/free-year-1-part-whole-model-iwb-addition-and-subtraction-activity/ https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Ten-Frame/ http://www.ictgames.com/mobilePage/tenFrame/index.html				