

Oaktree School Curriculum Ladder

Maths: GGM Step 1

Name: \_\_\_\_\_

Learning Objective	Date
I can demonstrate understanding of object permanence by searching for an object that is out of sight, touch or hearing	
I can fill a container to its full capacity	
I can help build using blocks, cubes, etc	
I can have a go at putting things together	
I can take objects out of a container	
I can put objects in a container	

No. targets met	1	2	3	4	5	6
Point	1	2	3	4	5	6

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 2

Name: \_\_\_\_\_

Learning Objective	Date
I can place objects on top	
I can place objects under	
I can match a 2D shape to the same shape	
I can show awareness of the concept 'go faster'	
I can show awareness of the concept 'slow down'	
I can show awareness of when it is coming up to lunch time, home time	

No. targets met	1	2	3	4	5	6
Point	7	8	9	10	11	12

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

# Oaktree School Curriculum Ladder

## Maths: G&M Step 3

Name: \_\_\_\_\_

Learning Objective	Date
I can spot shapes in the classroom environment, with support	
I can place objects next to each other	
I can move backwards and forwards	
I can identify the longest object from a selection of 2, where there is a marked difference	
I can identify the shortest object from a selection of 2, where there is a marked difference	
I can sequence two pictures of daily events	

No. targets met	1	2	3	4	5	6
Point	13	14	15	16	17	18

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 4

Name: \_\_\_\_\_

Learning Objective	Date
I can identify the big or small object from a selection of two (Pre-key stage 2 standard 2)	
I can put objects into a shape sorter, by trial and error	
I can sort objects by colour	
I can identify when a container is empty and full	
I can show an understanding of in, out, on (top of), under and next to	
I can sequence 3 pictures of daily events	

No. targets met	1	2	3	4	5	6
Point	19	20	21	22	23	24

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 5

Name: \_\_\_\_\_

Learning Objective	Date
I can tell which group is smaller and larger / bigger	
I can put objects into a shape sorter, by making educated guesses	
I can identify the longest object from a selection of at least 3, where there is a marked difference	
I can identify the shortest object from a selection of at least 3, where there is a marked difference	
I can choose the heaviest object from a selection of 2 or 3	
I can use shapes to continue patterns	

No. targets met	1	2	3	4	5	6
Point	25	26	27	28	29	30

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 6

Name: \_\_\_\_\_

Learning Objective	Date
I can name at least 2 2D shapes	
I can spot shapes in pictures	
I can order at least 3 objects by length	
I can sort objects by shape	
I can choose the lightest object from a selection of 3	
I can sort objects by size	
I can follow instructions related to my own movement – forwards, backwards	
I can show an understanding of yesterday, today and tomorrow	
I can join in saying the days of the week	

No. targets met	1	2	3	4	5	6	7	8	9
Point	31	32	33	34	35	36	37	38	39

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GEM Step 7

Name: \_\_\_\_\_

Learning Objective	Date
I can trace / draw large shapes e.g. on the iPad, using a pencil	
I can copy patterns using shapes	
I can follow instructions related to my own movement – 1 turn, 2 turns (independently), ½ turn (with support)	
I can sequence at least 5 of my classmates from tallest to shortest	
I can choose the container that holds the most	
I can differentiate between empty, half empty / full, full	
I can indicate my date of birth	
I can answer questions by using the visual timetable	
I can sequence the days of the week	

No. targets met	1	2	3	4	5	6	7	8	9
Point	40	41	42	43	44	45	46	47	48

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 8

Name: \_\_\_\_\_

Learning Objective	Date
I can recognise some common 2D shapes (Pre-key stage 2 standard 4)	
I can recognise common 2D shapes even if their size is different	
I can identify sides that are straight	
I can identify sides that are curved	
I can sort 3D shapes	
I can use a ruler to measure in cm	
I can use a ruler to compare length	
I can join in saying the months of the year	
I can identify how often events occur e.g. Swimming, Art	

No. targets met	1	2	3	4	5	6	7	8	9
Point	49	50	51	52	53	54	55	56	57

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	



Oaktree School Curriculum Ladder

Maths: GGM Step 9

Name: \_\_\_\_\_

Learning Objective	Date
I can follow instructions to count the number of sides and corners on 2D shapes	
I can name at least 3 common 3D shapes	
I can sort shapes into 2D and 3D shapes	
I can use vocabulary related to position appropriately: in / out, on, under, next to, between, above / below, in front of / behind	
I can use scales to read weights (g and kg)	
I can use scales to record and compare the weight of objects	
I can match events to the hour time on a clock	
I can read the time in hours on an analogue clock	
I can read the time in hours on a digital clock	

No. targets met	1	2	3	4	5	6	7	8	9
Point	58	59	60	61	62	63	64	65	66

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: G&M Step 10

Name: \_\_\_\_\_

Learning Objective	Date
I can guess the 2D shape in a feely bag and explain my guess	
I can guess the 3D shape in a feely bag and explain my guess	
I can investigate 3D shapes to identify faces, edges and vertices	
I can follow instructions related to my own movement – 1 turn, 2 turns, $\frac{1}{2}$ turn, clockwise and anticlockwise	
I can measure the height of one of my classmates and sequence different measurements from shortest to tallest or vice versa	
I can use a thermometer to read and record the temperature in Celsius	
I can read half hours on a digital clock	
I can read half hours on an analogue clock	
I cans sequence the months of the year	

No. targets met	1	2	3	4	5	6	7	8	9
Point	67	68	69	70	71	72	73	74	75

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 11

Name: \_\_\_\_\_

Learning Objective	Date
I can name some common 2D and 3D shapes and describe some of their properties (Pre-key stage 2 standard 5)	
I can draw a line of symmetry on a simple shape	
I can identify horizontal and vertical lines	
I can describe the position of a feature on a map	
I can find a feature in a named position on a map	
I can use a measuring jug to read capacity (ml, cl, l)	
I can use a measuring jug to record and compare capacity	
I can read quarter hours on an analogue clock	
I can read quarter hours on a digital clock	

No. targets met	1	2	3	4	5	6	7	8	9
Point	76	77	78	79	80	81	82	83	84

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 12

Name: \_\_\_\_\_

Learning Objective	Date
I can sort shapes using a Venn diagram	
I can explain the difference between 2D and 3D shapes	
I can construct a 3D shape from their net	
I can use a mirror to complete a symmetrical picture, with support	
I can use non-standard measures e.g. strides, cubes, handspans, cupfuls	
I can estimate what weighs more or less than a kg	
I can indicate containers that will hold more or less than a litre	
I can indicate that 1 day is 24 hours, 1 hour is 60 minutes and 1 minute is 60 seconds	
I can make sensible estimates of time, e.g. about 1 minute, 10 minutes, 1 hour	

No. targets met	1	2	3	4	5	6	7	8	9
Point	85	86	87	88	89	90	91	92	93

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: G&M Step 13

Name: \_\_\_\_\_

Learning Objective	Date
<b>I can read the time on a clock to the nearest 15 minutes</b> (Pre-key stage 2 standard 6)	
<b>I can name and describe properties of 2D and 3D shapes, including number of sides, vertices, edges, faces and lines of symmetry</b> (Pre-key stage 2 standard 6)	
I can recognise right angles in 2D shapes	
I can use a mirror to complete symmetrical patterns	
I can read a grid using coordinates	
I can name the 4 main points of a compass	
I can identify when to use the different units of measure	
I can use a calendar, e.g. for birthdays and special occasions	
I can write the date correctly, e.g. 09.12.19	

No. targets met	1	2	3	4	5	6	7	8	9
Point	94	95	96	97	98	99	100	101	102

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GEM Step 14

Name: \_\_\_\_\_

Learning Objective	Date
I can identify quadrilateral shapes	
I can recognise shapes with no lines of symmetry and that some shapes can have a number of lines of symmetry	
I can measure and calculate the perimeter of simple rectangular shapes	
I can use units of measure in everyday situations	
I can solve problems based on my awareness that 1 metre is 100 centimetres	
I can solve problems based on my awareness that 1 kilogram is 1000 grams	
I can solve problems based on my awareness that 1 litre is 1000 millilitres	
I can read the exact time in a digital clock	
I can indicate that 1 week is 7 days, 1 month is about 4 weeks and 30/31 days and that a year is 52 weeks and 365/366 days	

No. targets met	1	2	3	4	5	6	7	8	9
Point	103	104	105	106	107	108	109	110	111

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: G&M Step 15

Name: \_\_\_\_\_

Learning Objective	Date
I can identify regular and irregular shapes	
I can find the area of simple rectangular shapes	
I can use a protractor to measure and draw angles, including acute and obtuse angles	
I can estimate, measure and compare weight	
I can estimate, measure and compare capacity	
I can estimate, measure and compare temperature	
I can solve problems based on my awareness that 1 kilometre is 1000 metres	
I can read the exact time in an analogue clock	
I can use a variety of timetables, e.g. train, bus	

No. targets met	1	2	3	4	5	6	7	8	9
Point	112	113	114	115	116	117	118	119	120

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	

Oaktree School Curriculum Ladder

Maths: GGM Step 16

Name: \_\_\_\_\_

Learning Objective	Date
I can identify 3D shapes from nets	
I can measure and draw angles in shapes to the nearest degree	
I can recognise rotational symmetry	
I can identify the metric equivalents for imperial units – mile, pint, gallon, pound, ounce	
I can solve problems requiring calculations with common measures	
I can convert units of measure in the same system to solve problems	
I can work out areas and perimeters in practical situations by using formulae	
I can understand how a 24 hour clock works	
I can solve problems using clocks	

No. targets met	1	2	3	4	5	6	7	8	9
Point	121	122	123	124	125	126	127	128	129

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	



Oaktree School Curriculum Ladder

Maths: G&M Step 17

Name: \_\_\_\_\_

Learning Objective	Date
I can recognise parallel and perpendicular edges and faces	
I can calculate 'missing' angles in a triangle by using my knowledge of the sum of angles equalling 180 degrees	
I can identify where a shape will be after one or two translations	
I can recognise and use 2D representations of 3D objects	
I can find area and perimeter of common shapes	
I can read the scales to the nearest division as well as between divisions	
I can use, convert and calculate using metric and imperial measures	
I can solve problems related to time (seconds, minutes, hours)	
I can consistently suggest appropriate units in which to measure time	

No. targets met	1	2	3	4	5	6	7	8	9
Point	130	131	132	133	134	135	136	137	138

End of Autumn Term	
End of Spring Term	
End of Summer Term	

End of Autumn Term	
End of Spring Term	
End of Summer Term	