Reeth and Gunnerside Schools

Exemplification for maths target sheet 5 – Earth

Earth

Know by heart all sums and differences of multiples of 10 up to 100

40 + 30 =	20 + 40 =
20 + 50 =	80 – 40 =
90 – 40 =	60 – 40 =
70 – 30 =	70 – 40 =
80 – 50 =	20 + 60 =
30 + 60 =	50 + 10 =
90 – 60 =	60 – 50 =
80 + 10 =	70 + 30 =
70 – 60 =	30 + 30 =
90 – 30 =	40 + 50 =

Earth

Know by heart all halves of numbers to 20

(Hint: use the even number below the odd number to help work out the half. For example, halve 10 = 5, so half of 11 = 5 ½)

halve 1 =	halve 11 =
halve 2 =	halve 12 =
halve 3 =	halve 13 =
halve 4 =	halve 14 =
halve 5 =	halve 15 =
halve 6 =	halve 16 =
halve 7 =	halve 17 =
halve 8 =	halve18 =
halve 9 =	halve 19 =
halve 10 =	halve 20 =

Earth

Count from zero in steps of 3, 4 and 8

Complete these sequences:

3, 6, 9, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____, _____

4, 8, 12, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____,
_____, _____, _____, _____, _____, _____

8, 16, 24, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____, _____, _____,
_____, _____, _____, _____,

Earth

Know by heart all number bonds (multiples of 5) to 100

95 + _____ = 100
25 + _____ = 100
15 + _____ = 100
55 + _____ = 100
35 + _____ = 100
65 + _____ = 100
5 + _____ = 100
45 + _____ = 100
75 + _____ = 100
85 + _____ = 100

Earth

Quickly complete addition and subtraction calculations that involve bridging over multiples of 10

37 + 5 =	41 – 5 =
54 – 6 =	88 + 6 =
65 + 7 =	36 + 9 =
29 + 4 =	43 + 8 =
83 – 5 =	76 – 8 =
75 + 9 =	86 – 9 =
16 – 8 =	65 + 6 =
22 – 6 =	27 + 4 =
37 + 8 =	93 – 8 =
28 + 3 =	81 – 7 =

Earth

Quickly complete addition calculations that involve partitioning

(Hint: add the tens digits together then add the ones digits together. Finally, add both numbers. For example, 22 + 31 =
20 + 30 = 50 2 + 1 = 3 50 + 3 = 53)

23 + 24 =	45 + 32 =
13 + 25 =	36 + 13 =
32 + 46 =	51 + 44 =
53 + 42 =	28 + 51 =
64 + 31 =	54 + 32 =
74 + 13 =	18 + 21 =
63 + 31 =	23 + 51 =

Earth

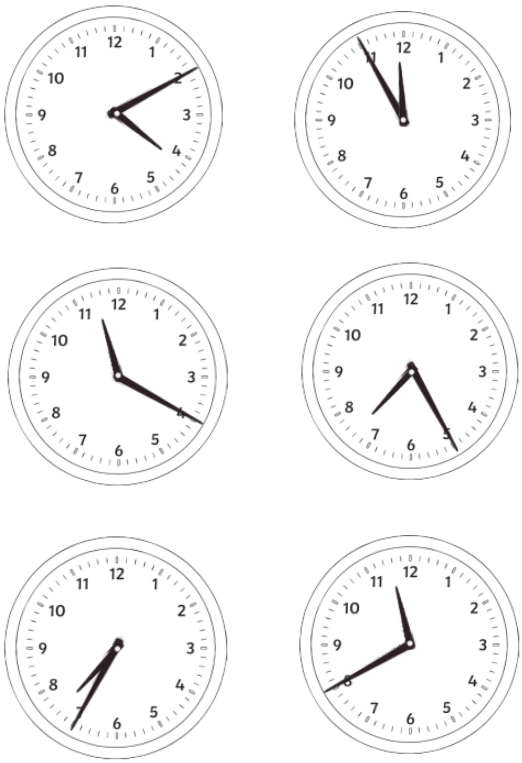
Quickly complete subtraction calculations that involve finding the difference

(Hint: start with the smallest number then jump to the next multiple of 10 and then add the remaining digits.
For example, 52 – 45 =
45 add 5 = 50 add 2 = 52
52 – 45 = 7)

52 – 45 =	42 – 36 =
31 – 27 =	25 – 18 =
64 – 59 =	31 – 24 =
43 – 38 =	42 – 36 =
62 – 57 =	55 – 47 =
53 – 47 =	64 – 59 =
22 – 15 =	71 – 65 =
65 – 58 =	73 – 65 =
72 – 64 =	32 – 27 =
85 – 79 =	26 – 17 =

Earth

Tell the time to the nearest 5 minutes on an analogue clock



Using the clocks, test a partner on telling the time to the nearest 5 minutes.

Earth

Know the number of seconds in a minute, minutes in an hour and hours in a day.
Know the number of days in a week, month and year, including leap years

_____ seconds = 1 minute

_____ minutes = 1 hour

_____ hours = 1 day

_____ days = 1 week

_____ months = 1 year

_____ days = 1 year

_____ days = 1 leap year

Useful poem to remember:

Thirty days has September,
April, June and November.
All the rest have thirty-one,
Excepting February alone,
And that has twenty-eight days clear
And twenty-nine in each leap year.