MATHS TARGETS *YEAR 4*

Good → Great → Super → Outstanding

Addition

A3c: Forwards Jump

687 + 248 = 935

+200 +40 +8

687 887 927 935

A4c: Partitioning

687 + 248 = 935

600 + 200 = 800

80 + 40 = 120

7 + 8 = 15

935

A5c: Partition Jot

687 + 248 = 935

800 + 120 + 15

A6: Expanded Column

100 10 1

687

+ 248

15

120

800

935

A7: Column Addition

100 10 1

687

+ 248

935

1 1

A5d: Partition Jot

4873 + 3762 = 8635

7000 + 1500 + 130 + 5

A7d: Column Addition

4873

+ 3762

8635

1 1

A7e: Column Addition

787567

+ 446278

1233845

1 1 1 1 1

Subtraction

S9c: 100s, 10s, 1s Jump

+300 +60 +7

356 656 716 723

723 - 356 = 367

S10: Expanded Column

Subtraction (100, 10, 1s)

723 - 356 = 367

600 110 1

~~700~~ ~~20~~ 3

- 300 50 6

300 60 7

S11: Column Subtraction

100 10 1

6 11 1

~~7~~23

- 356

367

S8d: Quad Jump Extreme

+24 +200 +3000 +42

1776 1800 2000 5000 5042

5042 - 1776 = 3266

S9d: 1000s, 100s, 10s, 1s Jump

+3000 +200 +60 +6

1776 4776 4976 5036 5042

5042 - 1776 = 3266

S11d: Column Subtraction

4 9 13 1

~~5~~ ~~0~~ ~~4~~ 2

- 1776

3266

Multiplication

M5: Grid Method

Short Multiplication

15 x 5 = 75

x	10	5
5	50	25

50 + 25 = 75

(M6: Expanded Column)

Additional

10 1

15

x 5

25 (5 x 5)

50 (5 x 10)

75

(M7: Column Multiplication)

Additional

10 1

15

x 5

75

2

M5a: Grid Method

Short Multiplication

43 x 6 = 258

x	40	3
6	240	18

240 + 18 = 258

(M6: Expanded Column)

Additional

100 10 1

43

x 6

18 (6 x 3)

240 (6 x 40)

258

M6: Expanded Column

100 10 1

147

x 4

28 (4 x 7)

160 (4 x 40)

400 (4 x 100)

588

M5b: Grid Method

Short Multiplication

147 x 4 = 588

x	100	40	7
4	400	160	28

400 + 160 + 28 = 588

(M7: Column Multiplication)

Additional

100 10 1

43

x 6

258

1

M7: Column Multiplication

100 10 1

147

x 4

588

1 2

M7a: Column Multiplication

3647

x 4

14588

2 1 2

Division

(D10: Short Division)

Additional

65 ÷ 4 = 16r1

16r1

4) 6²5

(D11: Chunking)

Additional

16r1

4) 65

- 40 (4 x 10)

25

- 24 (4 x 6)

1

65 ÷ 4 = 16r1

D9: Mega Hunk!

136 ÷ 4 = 34

Mega Hunk! Chunk

120 + 16 ÷ 4

30 + 4 = 34

D10: Short Division

136 ÷ 4 = 34

34

4) 1³3ⁱ6

D11: Chunking

34

4) 136

-120 (4 x 30)

16

- 16 (4 x 4)

0

136 ÷ 4 = 34

D11b: Chunking

34

4) 136

- 40 (4 x 10)

96

- 40 (4 x 10)

56

- 40 (4 x 10)

16

- 16 (4 x 2)

0

136 ÷ 4 = 34

D9c: Mega Hunk!

Remainders

394 ÷ 6 = 65r4

Mega Hunk! Chunk

360 + 34 ÷ 6

60 + 5r4 = 65r4