Varied Fluency
Step 1: Months and Years

National Curriculum Objectives:

Mathematics Year 3: (3M4e) Know the number of seconds in a minute and the number of days in each month, year and leap year

Differentiation:

Developing Questions to support finding the number of days in each month, year and leap year.

Expected Questions to support finding the number of days in each month, year and leap year in different formats.

Greater Depth Questions to support finding the number of days in each multiple months, years and leap years in different formats.

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Months and Years

1a. Circle the month or months that do not have 30 days in total.

October   February   April

VF

1b. Circle the month or months that have 30 days in total.

November   August   June

VF

2a. Fill in the missing date.

29th May	30th May	

VF

2b. Fill in the missing date.

	1st July	2nd July

VF

3a. Complete the table.

Number of days in April	
	28
Number of days in September	

VF

3b. Complete the table.

Number of days in a leap year	
	365
Number of months in a year	

VF

4a. Draw lines to match the statements to the missing parts.

There are _____ months in a year	4
October is _____th month of the year	12
February has 29 days every _____ years	10

VF

4b. Draw lines to match the statements to the missing parts.

July is the _____ th month of the year	30
August has _____ days	31
September has _____ days	7

VF

Months and Years

Months and Years

5a. Circle the month or months that do not have 31 days in total.

| The fourth month of the year | March | The month after October |

⭐ E

VF

5b. Circle the month or months that have 31 days in total.

| The second month of the year | January | The month after August |

⭐ E

VF

6a. Write the date a week later.

| 27th June | |
| 19th March | |

⭐ E

VF

6b. Write the date a week later.

| 5th July | |
| 2nd February | |

⭐ E

VF

7a. Complete the table.

Number of days in the ninth month of the year	
Number of months in 2010	
Number of days in _____ in a leap year	29

⭐ E

VF

7b. Complete the table.

Number of days in the month before June	
Number of days in 201___	366
Number of months in 2012	

⭐ E

VF

8a. Draw lines to match the statements to the missing parts.

| There are _____ days in the 7th month of the year | 30 |

| There were _____ days between 28th March and 2nd April | 31 |

| The month before July has _____ days | 5 |

⭐ E

VF

8b. Draw lines to match the statements to the missing parts.

| The month before December has _____ days | 5 |

| The month after June has _____ days | 30 |

| May is the _____th month of the year | 31 |

⭐ E

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Varied Fluency – Months and Years – Year 3 Expected

9a. Circle the month or months that do not have 31 days in total.

| The ninth month of the year | March | The month after January |

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9b. Circle the month or months that have 31 days in total.

| July and August | The 2nd and 3rd months of the year | May and June |

VF

10a. Write the date a week later.

| 27th February 2016 | |
| 26th December 2014 | |

VF

10b. Write the date a week earlier.

| 3rd January 2018 | |
| 4th April 2013 | |

VF

11a. Complete the table.

Number of days in March and April	
Number of days in 2 non-leap years	
Number of _____ in two years	24

VF

11b. Complete the table.

Number of days in 2011 and 2012	
Number of days in February and March in 2013	
Number of days in the month before _____	30

VF

12a. Draw lines to match the statements to the missing parts.

There are _____ days in two consecutive non-leap years	731
There were _____ days between 27th February and 3rd March 2013	4
There were _____ days in 2011 and 2012	730

VF

12b. Draw lines to match the statements to the missing parts.

There were _____ months in 2013 and 2014	5
There were _____ leap years between 2001 and 2010	24
There are _____ months with fewer than 31 days	2

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Varied Fluency – Months and Years – Year 3 Greater Depth

Varied Fluency
Months and Years

Developing
1a. February and October
2a. 31st May
3a. Number of days in April – 30
Number of days in February in a non-leap year – 28
Number of days in September – 30
4a. There are 12 months in a year
October is the 10th month of the year
February has 29 days every 4 years

Expected
5a. The fourth month of the year and the month after October
6a. 4th July and 26th March
7a. Number of days in the ninth month of the year – 30
Number of months in 2010 – 12
Number of days in February in a leap year – 29
8a. There are 31 days in the 7th months of the year
There were 5 days between 28th March and 2nd April
The month before July has 30 days

Greater Depth
9a. The ninth month of the year and the month after January
10a. 6th March 2016 and 2nd January 2015
11a. Number of days in March and April – 61
Number of days in 2 non-leap years – 730
Number of months in two years - 24
12a. There are 730 days in two consecutive non-leap years
There were 4 days between 27th February and 3rd April
There were 731 days in 2011 and 2012

Varied Fluency
Months and Years

Developing
1b. November and June
2b. 30th June
3b. Number of days in a leap year – 366
Number of days in a non- leap year – 365
Number of months in a year – 12
4b. July is the 7th month of the year
August has 31 days
September has 30 days

Expected
5b. January
6b. 12th July and 9th February
7b. Number of days in the month before June – 31
Number of days in 2012 or 2016 – 366
Number of months in 2012 – 12
8b. The month before December has 30 days
The month after June has 31 days
May is the 5th month of the year

Greater Depth
9b. July and August
10b. 27th December 2017 and 28th March 2013
11b. Number of days in 2011 and 2012 – 731
Number of days in February and March in 2013 – 59
Number of days in the month before May/July/October/December – 30
12b. There were 24 months in 2013 and 2014
There were 2 leap years between 2001 and 2010
There are 5 months with fewer than 31 days

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Varied Fluency – Months and Years ANSWERS