Varied Fluency – 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 using the number of days in each month, year and leap year.

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

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

More resources which follow the same small steps as White Rose.

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Varied Fluency – Months and Years

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

October   February   November

VF

6b. Circle the month or months that have 30 days.

April   June   March

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. True or false? There are 31 days in November.

VF

4b. True or false? There are always 29 days in February.

VF

5a. Draw lines to match the statements to the missing parts.

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

VF

5b. 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

6a. Sarah gets paid on the last day of the month. Which date will she get paid in March?

VF

6b. Phillis gets paid on the last day of the month. Which date will she get paid in December?

VF

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Varied Fluency – Months and Years

7a. Circle the month or months that do not have 31 days.

| The fourth month of the year | The month after December | June |

VF

7b. Circle the month or months that have 31 days.

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

VF

8a. Write the date a week later.

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

VF

8b. Write the date a week earlier.

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

VF

9a. Complete the table.

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

VF

9b. Complete the table.

Number of days in the month before June	
Number of days in 201___	366
Number of months between January and May	

VF

10a. Draw lines to match the statements to the missing parts.

There are _____ days in the seventh month of the year	31
May is the _____th month of the year	30
The month before July has _____ days	5

VF

10b. Draw lines to match the statements to the missing parts.

There are _____ days between September 30th and October 3rd	3
There are _____ days between March 28th and April 2nd	2
There are _____ months between August and December	4

VF

11a. Michael gets paid on the last day of the month. Which is the last date he will get paid before 4th April?

VF

11b. Jaxon gets paid on the last day of the month. Which is the last date he will get paid before Christmas?

VF

Varied Fluency – Months and Years – Year 3 Expected

Varied Fluency – Months and Years

12a. Circle the month or months that follow a month with 31 days.

The ninth month of the year   The month after January   March

⭐GD   VF

12b. Circle the consecutive months that total 61 days in a non-leap year.

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

⭐GD   VF

13a. Write the date a week later.

27th February 2016	
26th December 2014	

⭐GD   VF

13b. Write the date a week earlier.

3rd January 2018	
4th April 2013	

⭐GD   VF

14a. Complete the table.

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

⭐GD   VF

14b. Complete the table.

Number of days in 2011 and 2012	
Number of days in February and March in 2013	
The number of days in the month before M_____	30

⭐GD   VF

15a. True or false? 2014 was a leap year.

⭐GD   VF

15b. True or false? The year after 2009 was a leap year.

⭐GD   VF

16a. Draw lines to match the statements to the missing parts.

There are _____ days in two consecutive non-leap years	24
There were _____ months in 2013 and 2014	730
There were _____ days in 2011 and 2012	731

⭐GD   VF

16b. Draw lines to match the statements to the missing parts.

There were _____ leap years between 2001 and 2010	5
There were _____ days between February 27th and March 3rd 2013	2
There are _____ months with fewer than 31 days.	3

⭐GD   VF

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Varied Fluency – Months and Years – Year 3 Greater Depth

Varied Fluency – Months and Years

Developing

1a. October, February

1b. April, June

2a. 31st May

2b. 30th June

3a.

Number of days in April	30
Number of days in February in a non-leap year	28
Number of days in September	30

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

4a. True

4b. False

5a.

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

5b.

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

6a. 31st March

6b. 31st December

Expected

7a. The fourth month of the year, June

7b. January

8a. 4th July, 26th March

8b. 28th June, 26th January

9a.

Number of days in the ninth month of the year	30
Number of months in 2010	12
Number of days in the month after January (in a leap year)	29

9b.

Number of days in the month before June	31
Number of days in 2012 or 6	366
Number of months between January and May	3

10a.

There are _____ days in the seventh month of the year	31
May is the _____th month of the year	30
The month before July has _____ days	5

10b.

There are _____ days between September 30th and October 3rd	3
There are _____ days between March 28th and April 2nd	2
There are _____ months between August and December	4

11a. 31st March

11b. 30th November

Varied Fluency – Months and Years

12a. The ninth month of the year, the month after January

12b. May and June

13a. 6th March 2016, 2nd January 2015

13b. 27th December 2017, 28th March 2013

14a.

Number of days in March and April	61
Number of days in 2 non-leap years	730
Number of months in two years	24

14b.

Number of days in 2011 and 2012	731
Number of days in February and March in 2013	59
The number of days in the month before May	30

15a. False

15b. False

16a.

There are ____ days in two consecutive non-leap years	24
There were ____ months in 2013 and 2014	730
There were ____ days in 2011 and 2012	731

16b.

There were ____ leap years between 2001 and 2010	5
There were ____ days between February 27th and March 3rd 2013	2
There are ____ months with fewer than 31 days.	3

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