Maths

Measurement

Aim

- To solve a problem involving comparing and sequencing intervals of time.

Success Criteria

- I can sequence the months of the year.

- I know the months of the year have different numbers of days.

- I can work with a partner to solve a problem.

Interactive Activity Instructions

Click once on a moveable box, the box will stick to your mouse curser/pen. Click again to drop the box. Do not hold and drag.

Note: If this does not work using your finger/pen on an interactive whiteboard, use your computer mouse.

X

Months of the Year

30 days has September,
April, June and November.
All the rest have 31,
Excepting February alone,
Which only has 28 days clear,
And 29 in each leap year.

X

Interactive Activity Instructions

Click once on a moveable box, the box will stick to your mouse curser/pen. Click again to drop the box. Do not hold and drag.

Note: If this does not work using your finger/pen on an interactive whiteboard, use your computer mouse.

What Is a leap year?

A year is how long it takes for the Earth to go around the sun once (an orbit). This takes approximately 365 $\frac{1}{4}$ days.

In our calendars, we have 365 days making up one year but what happens to the extra $\frac{1}{4}$ of a day?

Is this year a leap year? How could you find out?

Every 4 together is the 29th February. When this happens it is called a leap year.

Calendar Chaos

We can see that this month has 28 days.

? Which month do you know that has 28 days? Remember, you could use the rhyme to help you.

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

Calendar Chaos

February is the only month which has 28 days so this must be February.

? What else does this calendar tell us?

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

The 1st day of February is on a Wednesday.

The last day of February is on a Tuesday.

? What day of the week will March start on? How do you know?

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Calendar Chaos

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

March comes after February so it must start on a Wednesday.

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Calendar Chaos

? Which of these months could be March? How do you know?

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Calendar Chaos

? Which one of these months could it be? How could I check?

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

I know that September has 30 days so this must be September. I could say the rhyme to help me.

Print page 6-10 for the activity sheet

Calendar Chaos
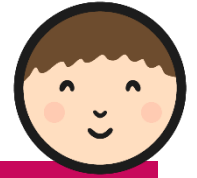
Calendar Chaos

To solve a problem involving comparing and sequencing intervals of time.

These calendar pages are muddled up and we cannot tell which month is which. Can you cut them out and put them in the correct order? Some of them have been done for you.

M	T	W	T	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

Calendar Chaos

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M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Calendar Chaos

comparing and sequencing intervals of time.

annot tell which month is which. Can you help put them in the

M	T	W	T	F	S	S
			1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16		18	19
20	21	22			25	26
27	28					

Calendar Chaos

? What methods did you use?

Calendar Chaos **Answers**

July

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August

M	T	W	T	F	S	S
		1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

M	T	W	T	F	S	S
					1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November

M	T	W	T	F	S	S
	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Calendar Chaos **Answers**

January

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

March

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

? Which is the longest month/months?

? Which is the shortest month/months?