

Year 3 – Summer Block 2 – Time – Hours in a Day

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 3: (3M4d) Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock/a.m./p.m., morning, afternoon, noon and midnight

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

Mathematics Year 3: (3M4f) Compare durations of events, [e.g. to calculate the time taken by particular events or tasks]

More [Year 3 Time](#) resources.

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Step 2: Hours in a Day

Introduction

Sort the months.

| 30 days | 31 days | 28 or 29 days |
|---------|---------|---------------|
| | | |

January February March April May June July
August September October November December

There are ____ days in a year.

There are ____ days in a leap year.

There are ____ months in a year.

Introduction

Sort the months.

| 30 days | 31 days | 28 or 29 days |
|--|--|---------------|
| April June September November | January March May July August October December | February |

There are **365** days in a year.

There are **366** days in a leap year.

There are **12** months in a year.

Varied Fluency 1

Match the statements to the correct number.

days in April

4

hours in 3
days

30

days in two
weekends

72

Varied Fluency 1

Match the statements to the correct number.

days in April

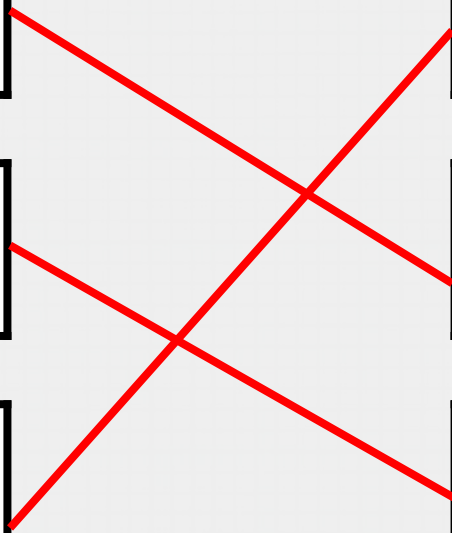
hours in 3
days

days in two
weekends

4

30

72



Varied Fluency 2

Put these events in the correct order from earliest to latest.

home time

morning
registration

afternoon
playtime

noon

Varied Fluency 2

Put these events in the correct order from earliest to latest.

home time

morning
registration

afternoon
playtime

noon

morning registration
noon
afternoon playtime
home time

Varied Fluency 3

Fill in the blanks:

There are _____ days in five weeks.

There are 12 _____ in half a day.

Varied Fluency 3

Fill in the blanks:

There are 35 days in five weeks.

There are 12 hours in half a day.

Varied Fluency 4

True or false?

Lunch is served around midday.

Varied Fluency 4

True or false?

Lunch is served around midday.

True because...

Varied Fluency 4

True or false?

Lunch is served around midday.

True because lunch is served in the 'middle' of the day – usually about 12 o'clock.

Reasoning 1

Ellie says:



Lunchtime is at 12 o'clock. So, whenever a clock shows 12 o'clock it has to be lunchtime.

Is that possible? Explain how you know.

Reasoning 1

Ellie says:



Lunchtime is at 12 o'clock. So, whenever a clock shows 12 o'clock it has to be lunchtime.

**Is that possible? Explain how you know.
Ellie is incorrect because ...**

Ellie says:



Lunchtime is at 12 o'clock. So, whenever a clock shows 12 o'clock it has to be lunchtime.

Is that possible? Explain how you know.

Ellie is incorrect because a clock can say 12 o'clock in the middle of the night and in the middle of the day. Only one of those is lunchtime.

Reasoning 2

True or false?

“Today the sunset was at 8 o’clock. That means every day must finish at 8 o’clock.”

Explain how you know.

Reasoning 2

True or false?

“Today the sunset was at 8 o’clock. That means every day must finish at 8 o’clock.”

Explain how you know.

False because...

Reasoning 2

True or false?

“Today the sunset was at 8 o’clock. That means every day must finish at 8 o’clock.”

Explain how you know.

False because the sun sets at different times (depending on the season) and this doesn’t always mean the day has ended.

Problem Solving 1

How many days in this month are not weekend days?

| Mo | Tu | We | Thu | Fri | Sa | Su |
|----|----|----|-----|-----|----|----|
| | | | 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 | | | | |

Problem Solving 1

How many days in this month are not weekend days?

| Mo | Tu | We | Thu | Fri | Sa | Su |
|----|----|----|-----|-----|----|----|
| | | | 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 | | | | |

20 days are not weekend days