Canonbury Home Learning

Year 6 Maths

Developing activity

Lesson 5

LO: TBAT apply my knowledge of the 24 hour clock to solve problems.

Success Criteria:

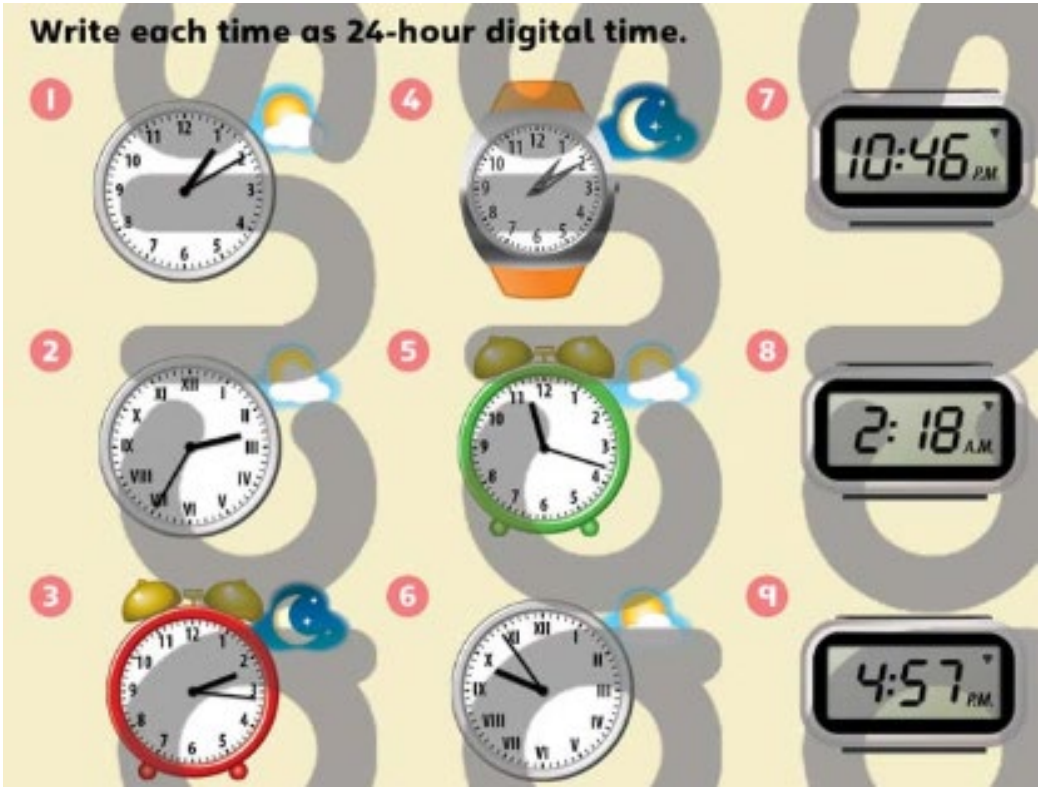
1. Look at the analogue or digital time.
2. Look at the picture bedside the clock or the am/pm to find what time of day it is.
3. Convert to the 24 hour

Model

Watch the 24 hour clock rap http://mathsraps.lgfl.org.uk/

12-hour time	24-hour time
12 a.m. (midnight)	00:00
1 a.m.	01:00
2 a.m.	02:00
3 a.m.	03:00
4 a.m.	04:00
5 a.m.	05:00
6 a.m.	06:00
7 a.m.	07:00
8 a.m.	08:00
9 a.m.	09:00
10 a.m.	10:00
11 a.m.	11:00
12 p.m. (noon)	12:00
1 p.m.	13:00
2 p.m.	14:00
3 p.m.	15:00
4 p.m.	16:00
5 p.m.	17:00
6 p.m.	18:00
7 p.m.	19:00
8 p.m.	20:00
9 p.m.	21:00
10 p.m.	22:00
11 p.m.	23:00

Now try…



Canonbury Home Learning

Year 6 Maths

Expected/ Greater depth activity

Lesson 5

LO: TBAT solve problems involving time.

Task:

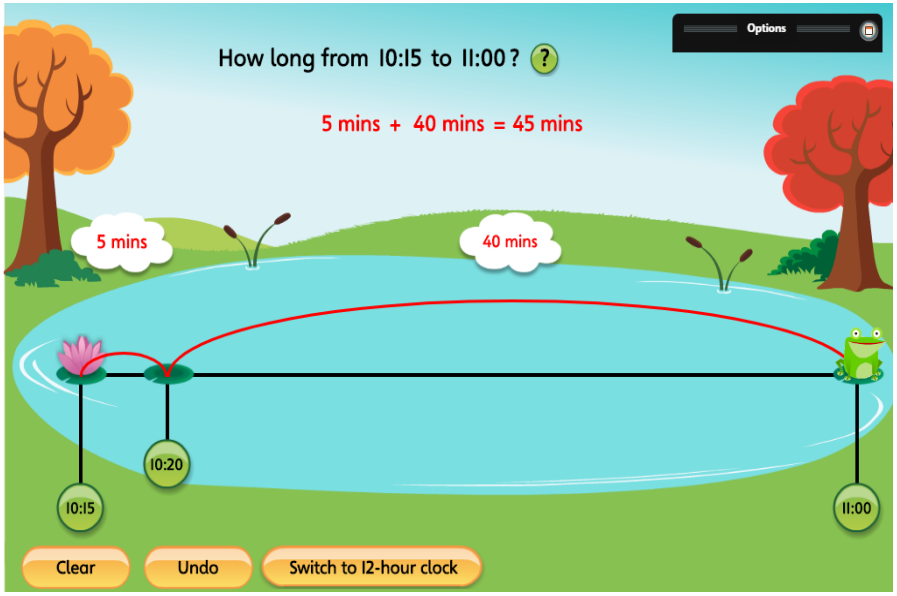
You are going apply your knowledge of time to solve several problems.

Success Criteria:

1. **Read the time and then convert to 12 hour clock (am/ pm)**
2. **Recap your knowledge of different time intervals (months in a year, days in a week, etc.)**
3. **Use a counting up number line to work out time intervals.**

Recap:

Watch the 24 hour clock rap http://mathsraps.lgfl.org.uk/



Canonbury Home Learning

Year 6 Maths

Main activity

Complete at least 2 columns, more if you can!

Task 1

Practice

Write each time using 12 hour am or pm.

10 06:35

11 14:20

12 21:22

13 11:09

14 19:43

15 22:47

Task 2

Arithmetic

1 92 ÷ 1 =

2 369 + 1 =

3 456 × 0 =

4 6 × 7 =

5 2845 + 728 =

6 507 − 10 =

7 716 ÷ 4 =

Task 3

Problem Solving

Q1.

How many days are there in September, October and November altogether?

days

Q2.

Write the missing numbers.

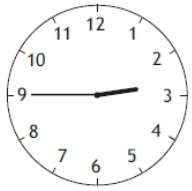
60 months = years

72 hours = days

84 days = weeks

Q3.

A clock shows this time twice a day.



Tick the two digital clocks that show this time.

03:45 02:45 09:45

21:45 14:45

Task 4

Reasoning

Q4.

What is 444 minutes in hours and minutes?

hours minutes

Explain your answer.

Q5.

The time is 10:35am.

Kate says,

'The time is closer to 11:00am than to 10:00am'.

Explain why Kate is correct.