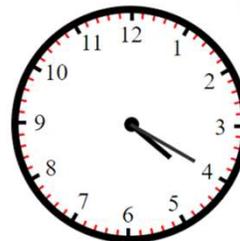


Activity 3

Years 1 – 2

Hour and Minute Hand



Target Strategies

- Working with the minute and hour hand together to show o'clock, half past, quarter past and quarter to times
- Making connections between sixty minutes in an hour and thirty minutes in half an hour,
- Relating clock times to actual times in the day.
Wherever possible show the actual clock time or be very careful not to ask, "What time is it?" when the time on the clockface is not the actual time.

Vocabulary

time, o'clock, after, before, between, minutes, hours, past, to, half past, quarter past, quarter to, halfway between, just after, just before, morning, afternoon, evening, midday.

Note: Help the students to notice where the hour hand points at a quarter past (not halfway between yet) and a quarter to (more than halfway between) the two numbers on the clock face.



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Closed Questions

1. **What will the clockface look like when it is 1/2/3...o'clock?**
2. **Where will the hour and minute hands be pointing when it is half past 8?**
Check that the students remember to place the hour hand halfway between 8 and 9.
3. **Where will the hour hand be pointing when it is a half past/quarter past, quarter to time?**
4. **What will the clock look like when it is a half past/quarter past/quarter to 6?**
5. **If the clock shows 3 o'clock now what time will it be showing in thirty minutes time?**
Use the clock hands to demonstrate the movement of the hour hand as the minute hand moves around the clockface.
6. **What quarter past time comes straight after 12 o'clock?**
7. **What quarter hour time comes just before 11 o'clock?**



Open Questions

Remind students that the questions are about quarter to, quarter past, half past and o'clock times only.

1. I am thinking of an o'clock time that is before we come to school. What time might I be thinking of?
2. I am thinking of a quarter to/ quarter past time, that is in the morning/afternoon/evening, what might it be?
3. Where might the minute and hour hands be pointing if it's after 8 o'clock but not yet 9 o'clock?
4. I am thinking of a quarter to time that is during the school day. What might it be?
5. I am thinking of a time that is later than 9 o'clock but earlier than lunchtime, what might it be?
6. I am thinking of a time that is earlier than home time but later than lunch time , what might it be?



Flip Questions

I have made an o'clock, half past, quarter past or quarter to time. You can ask me questions to find out what time it is. A typical Question/Response sequence is given below.

Students will need substantial assistance with the elimination for this game initially but will soon be able to think it through for themselves.

| Student Questions | Teacher Response |
|--|--|
| Are we at school at this time? | Yes. So what do we know; it must be later than 9 o'clock but earlier than 3 o'clock. So it is a time between 9 o'clock and 3 o'clock; lets list the possible o'clock times to help us. |
| Is it a time between o'clock and half past the hour? | No. So what do we know? It is not a quarter past time? |
| Is it more than thirty minutes past the hour? | Yes, so what do we know now? It must be a quarter to the hour time. |
| Is it before midday? | Yes. So what possibilities are left? A quarter to 10, 11 or 12. |
| Is the minute hand nearly pointing at the 10. | Yes. So what do we know now? |



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