

INVESTIGATIONS

TIME WAITS FOR NO-ONE by Lindy Sharkey

The patterns of time are consistent and constant, but the way we perceive time, from the time we wake up, to the time we go to sleep each day varies from person to person and depending on the activities that fill our day.



TIME FLIES WHEN...

In pairs or small groups, students will estimate the duration of time that has passed whilst doing some of the following activities: reading, sitting quietly, playing a game, watching an eventful/uneventful video etc.

- Student A will give marker indications of specified time periods, for example 30 seconds, 1 minute, 2 minutes, 5 minutes and 10 minutes. Student B will record the actual duration when these markers were placed.
- Each student will need to record their estimated times, the actual duration and how they were feeling during the activity to begin to investigate the connection between their perception of time passing and the activity type.
- As a follow up, students should see if they can identify any time thieves, these are activities that don't bring you joy or add value to your life but occupy more of your time than you think.

CURRICULUM CONNECTIONS

Level 8: Solve problems involving duration, including using 12- and 24-hour time within a single time zone. (VCMMG290)

IT'S ALL RELATIVE

Time is passing everyone at the same rate and adults have more experience with the rate and patterns of time yet we don't often hear kids express their surprise about the speed in which time is passing, a sentiment not uncommon in adults 'I cannot believe the year is nearly over'. Students could investigate one of the two hypotheses below or write their own.

- As you age, life becomes more eventful and therefore time is perceived to pass more quickly. Investigate the proportion of time in a day spent on: learning, socialising, eating, sleeping, exercising and leisure. Where possible present and compare the eventfulness of lives of people of different age groups.
- As you age, the days, weeks and years become a smaller proportion of the life you have lived and therefore time is perceived to pass 'faster' as you age. Is this true for all, some, or no age brackets?

CURRICULUM CONNECTIONS

Level 7: Express one quantity as a fraction of another, with and without the use of digital technologies (VCMNA245)
Find percentages of quantities and express one quantity as a percentage of another, with and without digital technologies. (VCMNA248)