

Time – Suggestions for teaching

ENCOURAGING PLAYFULNESS WITH MATHEMATICS

- Engage in a range of fun challenges and tasks that are time-bound or time-defined e.g., pictionary, charades
- Use cross curricular links to explore the passing of time e.g., with P.E. and Music
- Signal when children encounter language of time as it arises through play

USING COGNITIVELY CHALLENGING TASKS

- Encourage children to use a variety of ways to present their solutions to problems involving time
- Provide opportunities for children to engage with real life situations involving time related tasks, increasing the challenge through adjusting the time components
- Assist children to make connections with prior knowledge of time and number with tasks linked to elapsed time

FOSTERING PRODUCTIVE DISPOSITION

- Use meaningful and real-life contexts to promote discussion around time
- Use cross curricular links to highlight the importance of time in all aspects of our lives
- Provide opportunities for children to find patterns and make connections with time intervals and other mathematical strands (e.g. geometry, fractions)

EMPHASISING MATHEMATICAL MODELING

- Encourage children to express and represent their understanding of time in a variety of ways e.g., using analogue mini-clocks or creating timetables
- Provide a variety of challenges where children apply and refine their mathematical models in relation to time
- Support children to generalise their models when exploring time i.e. connecting them to new learning

PROMOTING MATHS TALK

- Identify and select appropriate situations to engage children in maths talk in relation to time
- Provide daily opportunities for children to express time in a variety of ways e.g. highlighting the key sequences of the school day
- Discuss and interpret information presented on timetables and use them in a meaningful way