

# NCCA Primary Mathematics Toolkit – Support material

## Measures: Time - Suggestions for learning at home

### Why learning about time is important

Time is an essential life skill which will support your children to understand and manage their daily life activities and enable them to engage independently in society. Since time is an abstract concept it is essential that parents use informal references to time on a daily basis. This is an effective way of learning about time and increasing achievement for all children. When parents describe the time of an event, children become aware of various times in their daily lives, e.g., we will go swimming at 3pm today. It will last for 30 minutes.

#### **IDEAS TO SUPPORT LEARNING**

- Talk to your child about daily routines.
- Ask your child what day/month/season it is.
- Talk about times on the clock. Ask "What time is it?", on a regular basis.
- Display times of activities at home, e.g., football training at 6.30pm on Friday.
- Use a calendar at home and record birthdays/ appointments/events on it.
- Discuss how long until their birthday/special
- · Ask your child to retell or sequence parts of
- Time activities, e.g., 30 minutes playing games.
- Highlight times allowed for cooking or baking, e.g., the bread will take 30 minutes to bake.

- Encourage your child to look up times for the cinema. What time does the film start? What time will it be over?
- Use counting on strategy to calculate times: The bread will be baked in 30 minutes. It is 5.45pm now so it will be ready at 6.15pm.
- Use bus/train timetables: At what time will the next bus come? Is there a pattern between bus
- Involve your child when planning trips or holidays.
- Engage your child in fun activities where you time tasks, e.g., how many skips can you do in 1 minute? How many blocks can you stack in 60 seconds?





- Days of the Week, Anna Milbourne, 4+ years
- Tom and the Tinful of Trouble, Nick Sharratt and Stephen Tucker, 5+ years
- What's the Time, Mr Wolf?, Debi Gliori, 5+ years
- Get up and Go!, Stuart J. Murphy, 6+ years
- Game Time, Stuart J. Murphy, 7+ years
- \* Your local library provides a wide range of free books and resources which support in developing children's mathematical learning



#### **GAMES / ACTIVITIES**

- Time reward cards: Pick one from a jar, e.g., 20 minutes play time
- Timed activities, e.g., 10 minutes reading
- Bake buns 20 minutes in the oven
- Charades
- Articulate
- Pictionary
- The Cube board game
- Make a monthly family calendar and display



#### **LEARNING ONLINE**

- Help My Kid Learn www.helpmykidlearn.ie
- Scoilnet www.scoilnet.ie/primary/theme-pages/mathematics/
- Maths Week Ireland Parents' Zone <u>www.mathsweek.ie</u>
- Maths Eyes https://haveyougotmathseyes.com/

*Useful terms to search online:* time, measures, learning, primary, maths, analogue clock, digital clock, 12-hour clock, 24-hour clock, calendar, timetable, schedule, games, activities

#### **ARTS AND CRAFTS**

- Design and make a monthly family calendar
- Make a homemade sand timer
- Make an analogue clock using homemade materials
- Make time bingo cards
- Make a flower clock



#### **YOUR OWN IDEAS**

