

Maths challenges

Week beginning 11.1.21

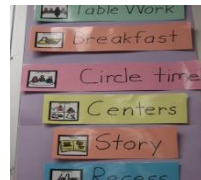
This week the children will talk about night and day and order key events in their daily routines. They will use language to describe when events happen e.g. day, night, morning, afternoon, before, after, today, tomorrow.

Children begin to measure time in simple ways e.g. counting the number of sleeps to an important event or using timers to measure durations of events.

Monday- visual timetable

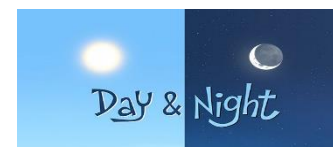
Make a visual timetable of the important events in your home school learning day (e.g. wake up, breakfast, literacy activity, snack, story, maths activity, lunch, walk, topic activity, play with toys, tea time, TV time, bath, story, bedtime).

Refer back to the timetable throughout the day, asking the children questions relating to it. What are we doing now? What are we going to do next? What are we doing this afternoon?



Tuesday- active maths

Label 2 areas in your home 'daytime' and night time'. Call out an activity and your child runs to the day time or night time area. For example, stars appear, we put on pyjamas, we get dressed, foxes come out, we eat lunch, owls hunt etc. Encourage the children to suggest some of their own night and day activities.



Wednesday- Timed Challenges

You will need a stopwatch or your mobile phone. You are going to do some timed challenges today. Ask a grown up to use the timer to measure how long it takes you to:

10 star jumps

Run around the garden

Sing Happy Birthday

Count from 0-10

Write your name 3 times

Can you think of your own timed challenges?



Thursday- goal!

Set up mini goal posts. You need to score as many goals as you can before the timer runs out (you could use a sand timer or you could set a countdown on your phone/laptop). Each time you score a goal you can collect an object and take it back to put in a bucket.

At the end of the time count your objects. How many goals did you score?

Repeat the activity- if you want to score more goals you will need to work more quickly or slowly? Count up again- did you beat your score?



Friday-Obstacle Course

Make an obstacle course either in your house or in your garden. What will you do first? What comes next? You may want to make picture cards to explain the order of the course to others in your house.

Use a timer to measure how long it takes you to complete the obstacle course. How will we know if we get faster at completing the course? Will the number of minutes go up or down? Have another go and see if you can beat your time.



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Suggested songs and stories for this week:

Fox in the Dark- Alison Green

Days of the week song

Peace at Last- Jill Murphy

Kipper's Monster- Mick Inkpen

Day Monkey, Night Monkey- Julia Donaldson

The Dark, Dark Tale- Ruth Brown

Funnybones- Janet and Allen Allberg