

# Enquirers



# Discover



## iCAN personal goals

Early Years  
Milepost 1

# Enquirers



At iCAN we like to find out and learn new things and make connections between new learning and other things we know and understand. This means we ask, think about and find answers to the questions that can help us find out even more.

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## Challenge 1: Water Play

- Fill a bath, paddling pool or bucket with water.
- Pour water from different sized containers. (Use familiar objects like yoghurt pots, bowls, plastic bottles etc.).
- How many little ones does it take to fill the largest one?
- Put the containers in order of capacity. Does the tallest/shortest container have the biggest/smallest capacity?



Add food colouring for more fun!



## Challenge 2: Incident Report

- Next time you find a dead creature, draw a white line around its body and find out what happened.
- How?
- Why?
- Where?
- When?



Name of Animal:  
Location of incident:  
Time of death:  
Cause of death:  
Significant evidence:  
Motivation for killing:  
Suspects:



## Challenge 3: Getting Around

- Go for a walk by the river.
- How many forms of transport can you see?
- What are they carrying?
- Where do you think they are going?





## Challenge 4: Gloop, Goop Goo!

- Mix together corn flour and water to make a gooey, playful gloop.
- Add food colouring or washable paint to make different colours.
- What happens to your gloop when you touch it?
- This can get messy!



<http://www.growingajeweledrose.com/2012/06/25-ways-to-play-with-goop.html>

# iCAN personal goals



## Challenge 5: Time Yourself

- How long does it take you to do different things?
- Brush your teeth, eat your breakfast, do 10 star jumps...
- What can you do in 2 minutes?
- Try lots of different things.



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## Challenge 6: Cooking

- Look at a recipe for something you like.
- What units do you use to measure in?
- Follow the recipe, using the scales accurately.



Enjoy sharing what you have made together with your family.





## Challenge 7: Symmetry

- Ask an adult, or older brother or sister, to draw half a picture.
- Can you draw the other half of the picture to make it symmetrical?
- Swap over.





## Challenge 8: How do Flowers Grow?

- Half fill a glass with water and add several drops of food colouring to make a dark colour.
- Cut the stem off a white flower or a stick of celery about 1cm from the end.
- Place the white flower or celery stick into the glass of coloured water.
- Leave the glass for a day or two.



What do you think will happen?

Can you follow how the water travels?

# Enquirers



To inspire every child to recognise their full potential, believe they can make a difference and respect themselves, others and the world in which they live.