

# Using the Scientific Method

Sets of procedures that help  
learners investigate their world and  
acquire new knowledge

## Steps:

## Suggestions:

### QUESTION

Help children form their own questions related to their world.

- Wow! This is very interesting.
- You look curious about ...
- I saw you watching ...
- You seem to be fascinated with ...

### OBSERVE

Ask children to use their senses and closely observe the world around them.

- What do you notice?
- How does that feel/taste/sound?
- Look at these different parts of ...
- Let's take a picture so we can look at it again.

### PREDICT

Encourage children to make an educated guess about what will happen in the future.

- What's your guess?
- What do you imagine ... ?
- I wonder what might happen if ... ?
- How do you think this will turn out?

### EXPERIMENT

Provide opportunities for children to experiment and test their predictions.

- Let's try this out.
- We can check out ...
- What could we do to see if this is true?
- How could we keep track of how things change?

### DISCUSS

Allow children to discuss the results of their experiment.

- What did we learn about ... ?
- How is this different/same from when we started?
- Which grew the fastest/longest/heaviest? Why?
- Was your prediction correct? How do you know?