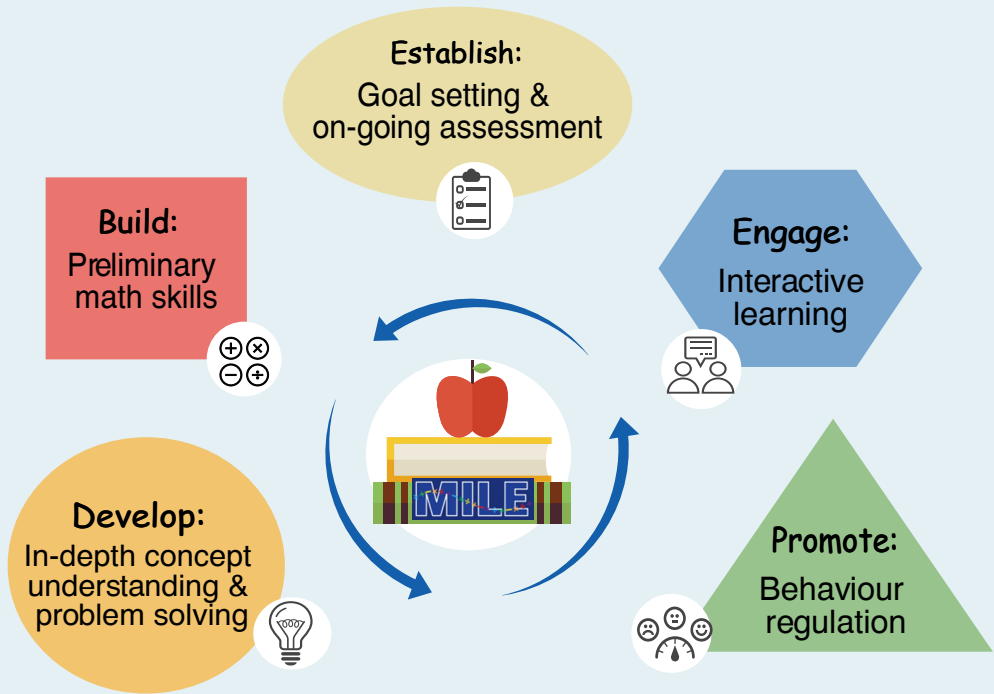




# Introducing: Math Interactive Learning Experience (MILE)

MILE is an intervention program that supports math learning among children individually and in groups within a classroom setting

## Program Core Components



## Targets Cognitive Skills



Working Memory

### Cognitive skills

To remember and manipulate verbal and spatial information

### Important for math

- Remember and organize information
- Solve multiple step problems



Visual Spatial

To understand the relationship between objects and space

- Aligning numbers
- Pattern recognition
- Quantity estimation
- Measurement



Visual Motor

To integrate visual and motor information (i.e. hand eye coordination)

- Writing numbers
- Drawing shapes
- Copying figures

## MILE in Action: The F-A-R Approach

### **F:** Focus & Plan

"Think with your brain and make a plan"

Ask: What does it look like when you focus?

Look with your eyes, listen with your ears (focus) and then we can make a plan together

### **A:** Act

"Do fun stuff and learn"

Say: Let's follow our plan so we can learn!

Work with the child to explore HOW they plan to solve the problem before, during and after solving it

### **R:** Reflect

"What did we do and what did you learn?"

Ask: What did you do and HOW did you do it?

With praise, help the child notice the process of where they went right and wrong after solving the problem