



the  
education  
hub



## Gill Connell Webinar Notes



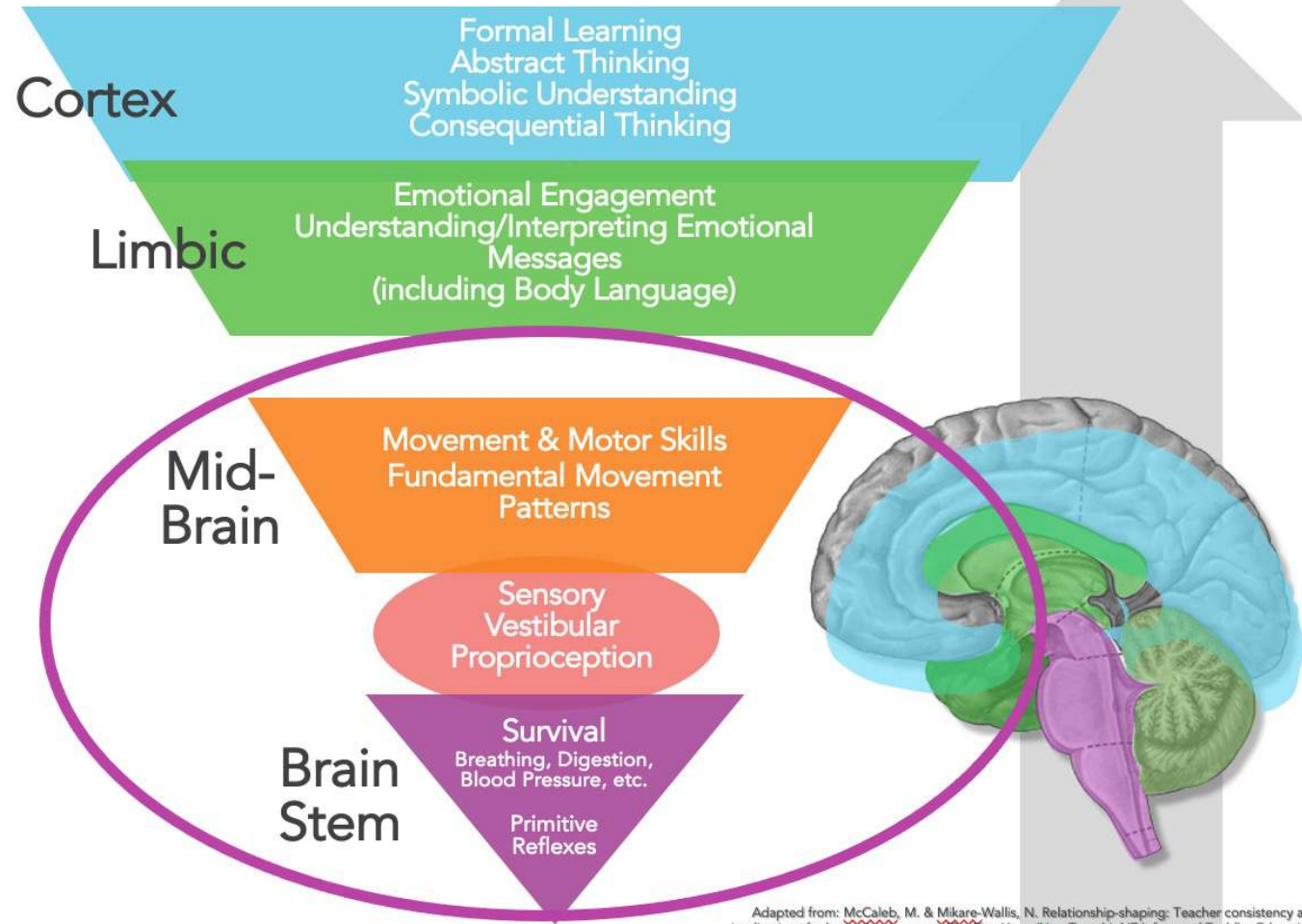
AMCIALC CHAPTER 1, 2, 3

**moving**  
Smart™

The brain prioritises movement in the early years.

Mammalian

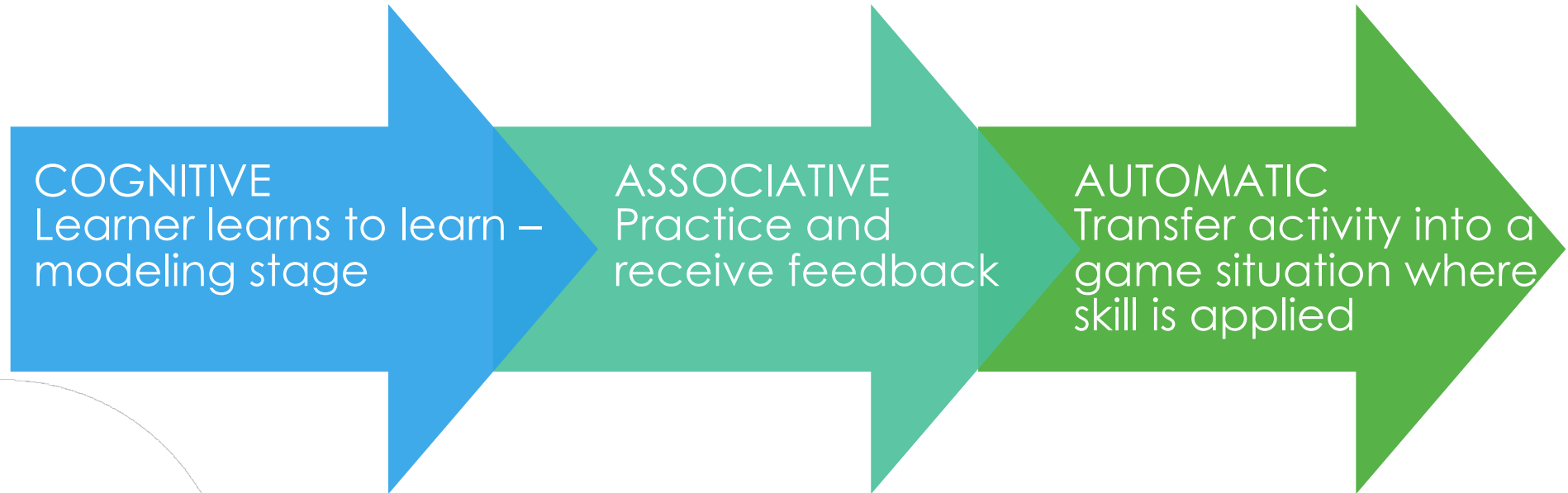
Reptilian



Adapted from: McCaleb, M. & Mikare-Wallis, N. Relationship-shaping: Teacher consistency and implications for brain development. The First Years/Nga Tuatahi: NZ Infant and Toddler Education, 2015, 24, 25

# Automaticity

An essential foundation  
for all early learning



**moving**  
Smart™



# Hand Writing



Palmar  
Reflex



Massage  
Finger Plays  
Sensory play



Weight  
bearing  
Pushing &  
pulling  
Hanging  
monkey bars



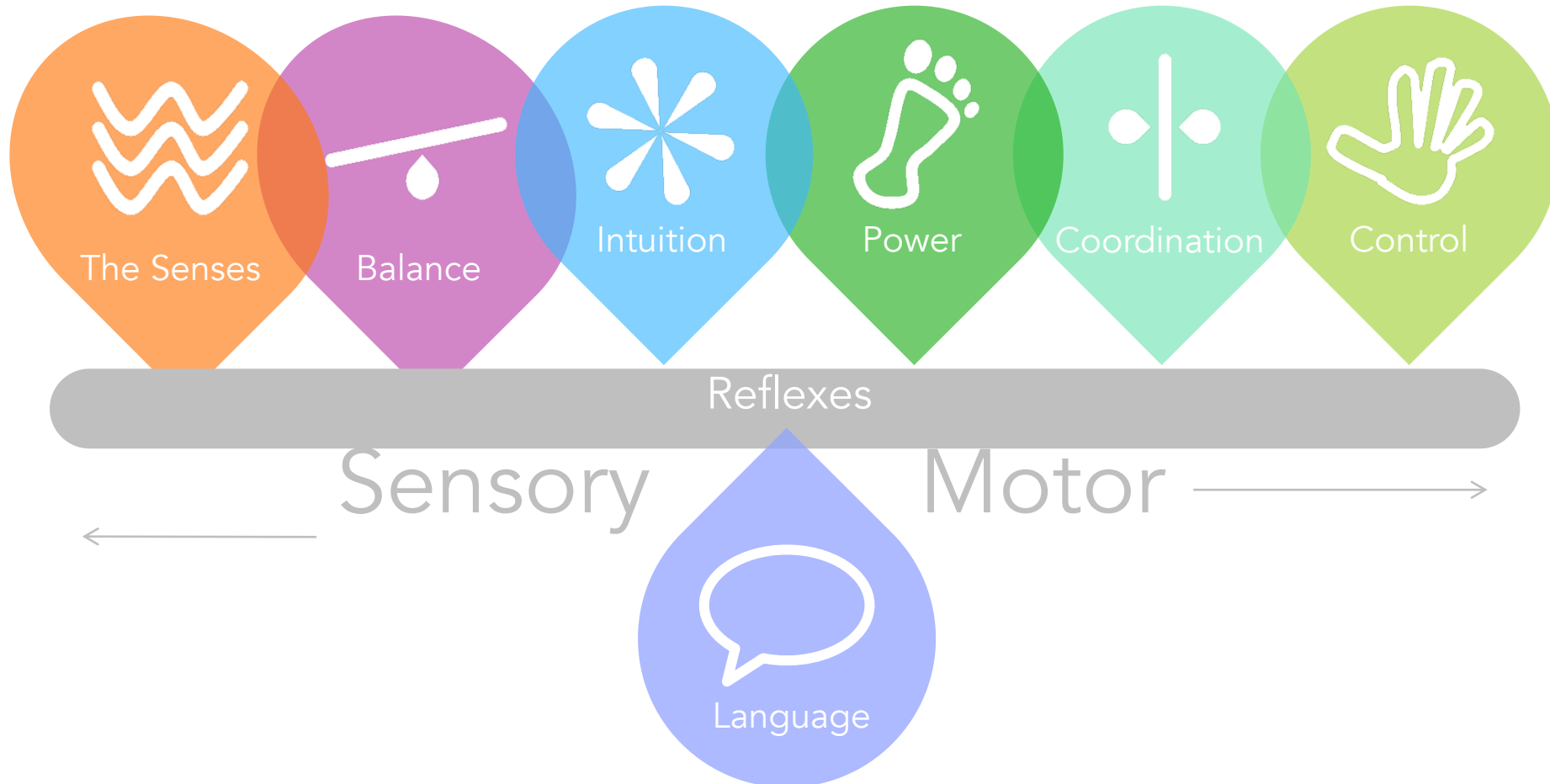
Midline  
Homolateral  
and  
opposition  
movements



Dominance  
Directionality  
Concepts of  
Print

# The Kinetic Scale

moving Smart



ORGANISING PRINCIPLE



# The Evolution of Independent Movement: A Guideline, Not a Mandate



Prenatal  
primitive reflexes:  
involuntary movement



Primitive reflexes in  
place at birth



Head control:  
first attempts



Awakening of senses with touch,  
massage, and skin-to-skin contact



Hand and foot  
recognition



Hip tips:  
attempting to roll over



Sensory discoveries:  
especially mouth



Rolling over onto  
tummy



Pushing up from  
tummy



Postural reflexes  
emerging



Studying facial  
expressions

## Crawling Matters

Crawling has enormous developmental benefits for young children. Both arms and both legs move in opposition to one another, which not only develops physical coordination, but also accelerates the growth of critical connections between the right and left sides of the brain.

Some children skip the crawling stage in favor of bottom shuffling, or they shoot straight up to walking. If that happens, encourage the child to crawl with push-along toys, such as toy cars and trucks.



Pincer grip



Crawling



Changing hands



Releasing grasp  
voluntarily



Sitting  
independently



Navigating small  
spaces



Pulling up  
to stand



Rocking



Up on all fours



Commando crawling



Mouthing things



Grasping



Cruising



Bobbing up and  
down, aided



Standing, unaided



Climbing up  
furniture or stairs



Eye-hand  
coordination:  
self-feeding



Walking  
unaided:  
toddling or  
waddling



Marching



Balancing on one foot



Handedness:  
early signs



Temporal  
awareness



Manipulative skills  
emerging



Jumping forward  
on two feet



Upper body  
strength  
developing



Jumping on  
two feet



Bobbing up and  
down, unaided



Running



Hopping



Climbing in opposition:  
opposite arm, opposite leg



Galloping



Midlines developing:  
isolated or complex whole-  
body movements



Hand and foot  
dominance developing



Leaping from standing



Crossing the midline



Leaping from running

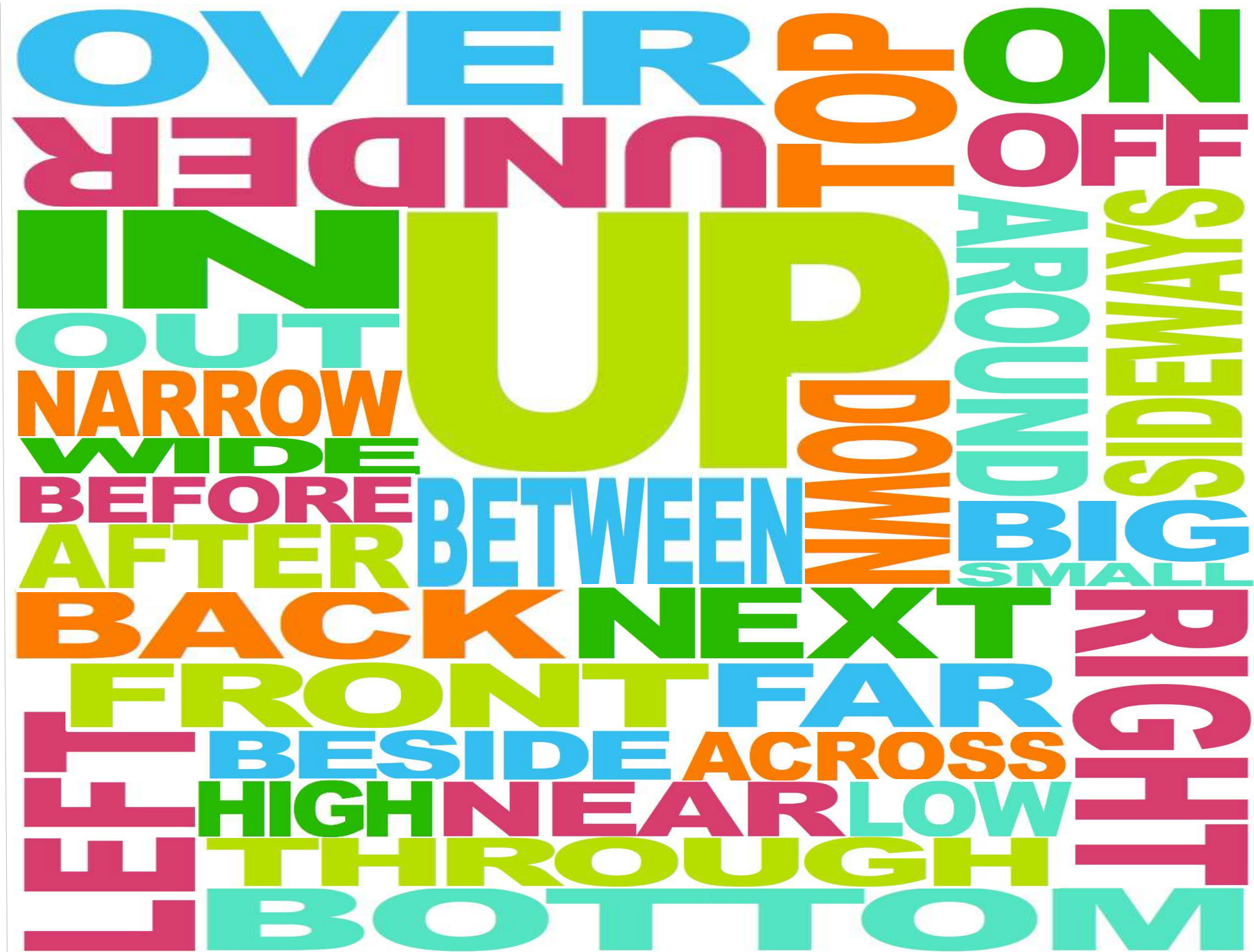


Skipping



Automated coordinated  
movement



The logo for Moving Smart is located in the top right corner. It features the word "moving" in a lowercase, rounded font with each letter in a different color (m: teal, o: lime green, v: blue, i: purple, n: orange, g: green). Below "moving" is the word "Smart" in a larger, grey, sans-serif font. A small "TM" trademark symbol is at the end of "Smart". The entire logo is partially enclosed by a large, thin grey arc that starts from the left edge and curves upwards and to the right.

# Reading the Moves

## The Chair Tipper

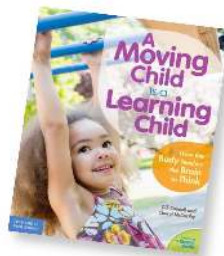
- Spinning
- Rolling
- Rocking
- Upside down



AMCIALC CHAPTER 8

## The Eye Rubber

- Eye Fitness
- AMCIALC Chapter 6-7



AMCIALC CHAPTER 6-7

## The Pencil Breaker

- Pushing & Pulling
  - Hanging
  - Weight Bearing
  - Huff & Puff
- AMCIALC Chapter 8



AMCIALC CHAPTER 8



# PMP Session1

## EQUIPMENT SESSION

Activity 2 | 6 Stations

### EQUIPMENT REQUIRED

- feathers
- long rope (2m long)

- shapes & stands
- 3 mats end to end

- 5 hoops
- 25 bean bags

### SENSORY

#### EYE TRACKING

[Repeat Activity 1.](#)



### BALANCE

Rocking; Rolling; Spinning;  
Upside Down

#### SIDE JUMP

Two feet together, jump  
across the rope side to  
side from one end of the  
rope to the other.

Stop between each jump.



### INTUITION

Position; Spatial Awareness;  
Force; Body Awareness

#### SHAPE CRAWL

Set up large shapes in  
stand.

Have children crawl  
through.



### POWER

Flexibility; Stamina

#### PENCIL ROLL

Place 3 mats end to end.

Have children pencil roll  
from one end to the other.



### COORDINATION

Midline; Handedness;  
Complex Movements

#### MONKEY WALK

Monkey walk back to the  
beginning of the tyres.



### CONTROL

Position; Spatial Awareness;  
Force; Body Awareness

#### TWO - HANDED TOSS

Place 5 hoops on the  
ground .5m apart.

Have the child stand  
behind the line (masking  
tape on the floor 1m  
back).

Throw a bean bag in to  
each hoop.



### HELP ME

Eyes down, looking at feet.

Encourage child to  
crawl slowly.

Stop after one roll to  
ensure child is rolling with  
a straight body.

If the child cant maintain  
the monkey walk position,  
use crawl position.

Move the child closer.

### CHALLENGE ME

Eyes up and speed up.

Crawl backwards.

Try rolling the other way.

Monkey walk backwards.

Have another line further  
back for the child to  
throw from.

### USE THIS LANGUAGE

Across

Through

Along

Beginning

Into

### TEACHING GEM

Ensure feet  
are jumping together.

Ask children to  
crawl through without  
touching the sides.

Ensure fingers always  
remain at top of the  
mat and body is long  
and straight.

Ensure child uses  
opposite arm, opposite  
leg movement.

Ensure the correct  
technique is used.

# MSPMP

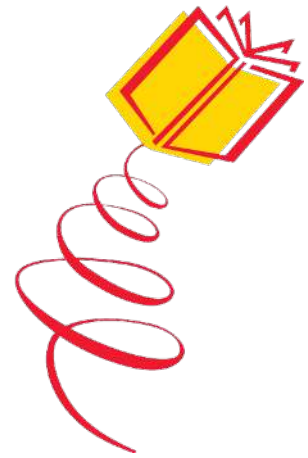
## Moving Smart Perceptual Motor Programme

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