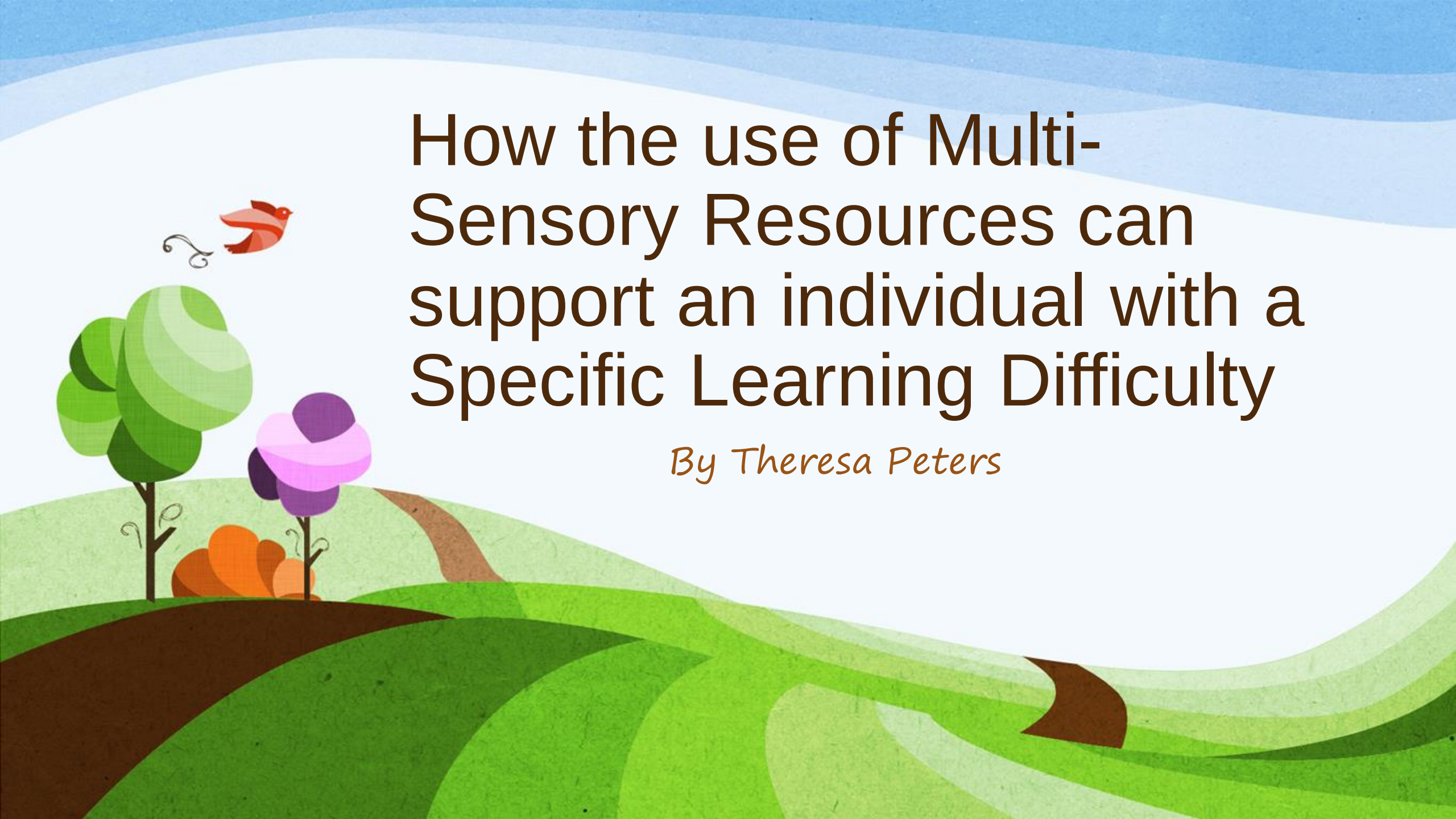


A stylized, colorful illustration of a landscape. In the foreground, there are rolling green hills with dark brown soil. A small tree with green foliage and a brown trunk stands on the left. Next to it is a purple flower with a pink center. A small orange bird is flying in the sky above the tree. The background features more rolling hills in shades of green and blue, with a light blue sky.

How the use of Multi-Sensory Resources can support an individual with a Specific Learning Difficulty

By Theresa Peters

Focus

- To discuss a resource one has researched. To evaluate the impact this has on a child with Development Coordination Disorder (DCD)
- Further discussion on the relevance of Multi-sensory resources and the role they play in a child's education



Fantasticdyspraxic n.d.

The resource – Balance/Wobble Boards



Alliance images n.d



Bjphotographs n.d



Aliexpress.com n.d



Fantasticdyspraxic n.d.

The Science behind it

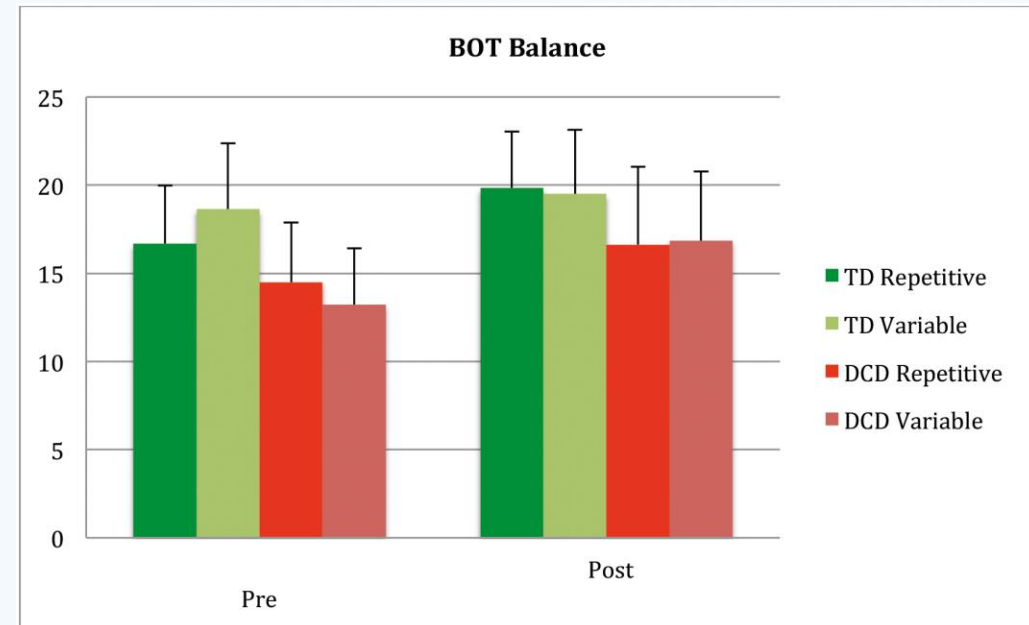
Proprioception

*Collaboration of
muscles and
body parts*

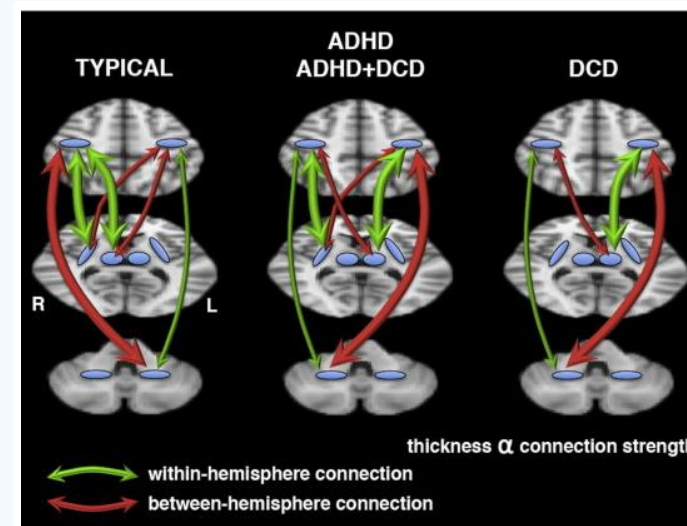
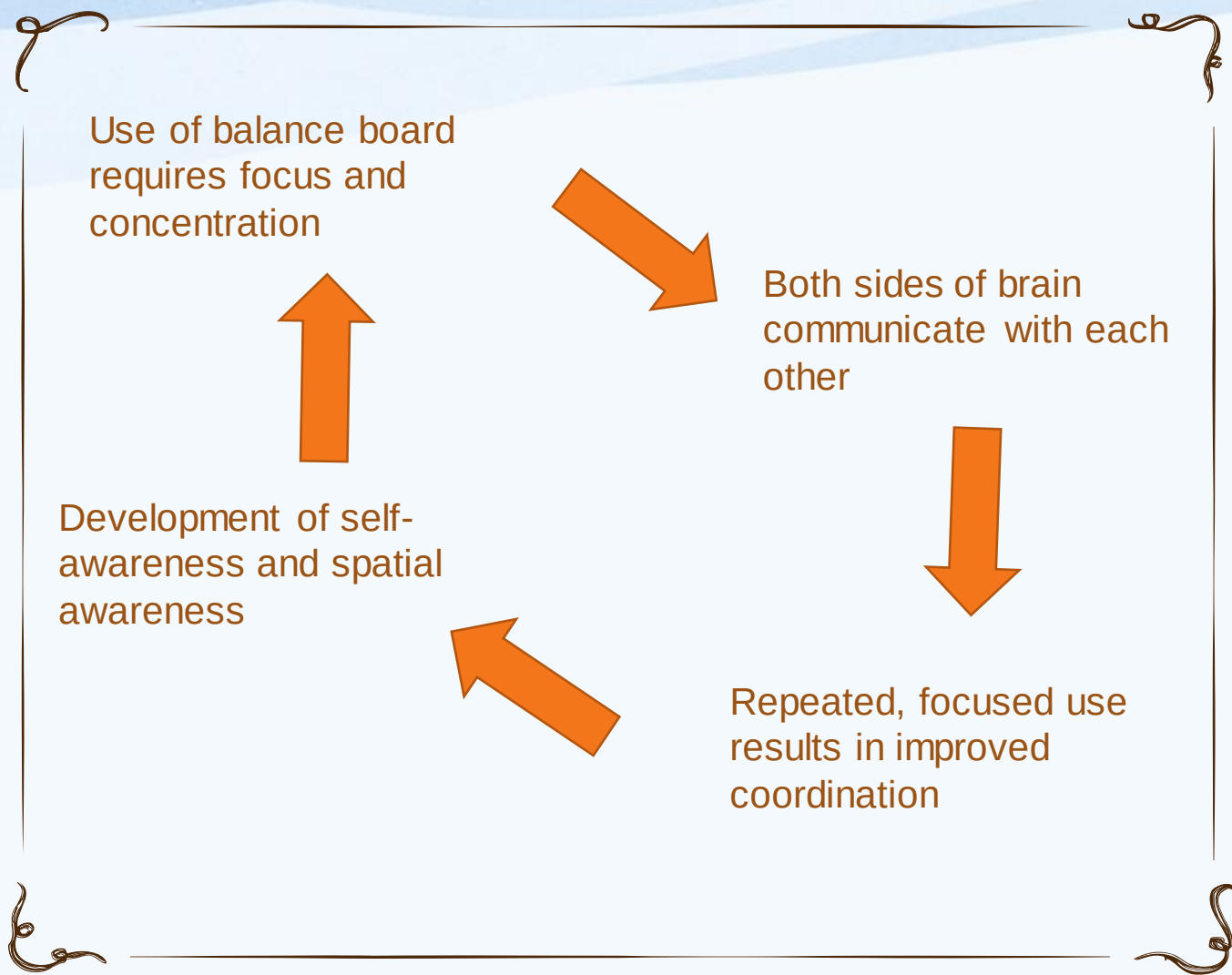
*Developement of
gross motor
skills*

*Neuromuscular
activation*

Mental Focus



Bonney ,Jelsma ,Ferguson,Smits-Engelsman, 2017



McLeod, Langevin, Dewey and Goodyear (2016)

Activities and Methods of Use

Physical

- Balancing
- Hand to hand throwing using bean bags, water balloons, scarves
- Catching bubbles while using
- Playing magnetic games, magnetic fishing, Hook a duck
- Use while doing creative activities, drawing, painting, writing, playground chalking
- Some can be used in class at desk

*Exercise is beneficial to
individuals with DCD
NHS*



Cooper, 2016

Social and Emotional

- Throwing bean bag to friends, encouraging cooperation and turn taking
- Working in circle time
- Encourages child to verbalise their plans for movement
- Reduces use of team games

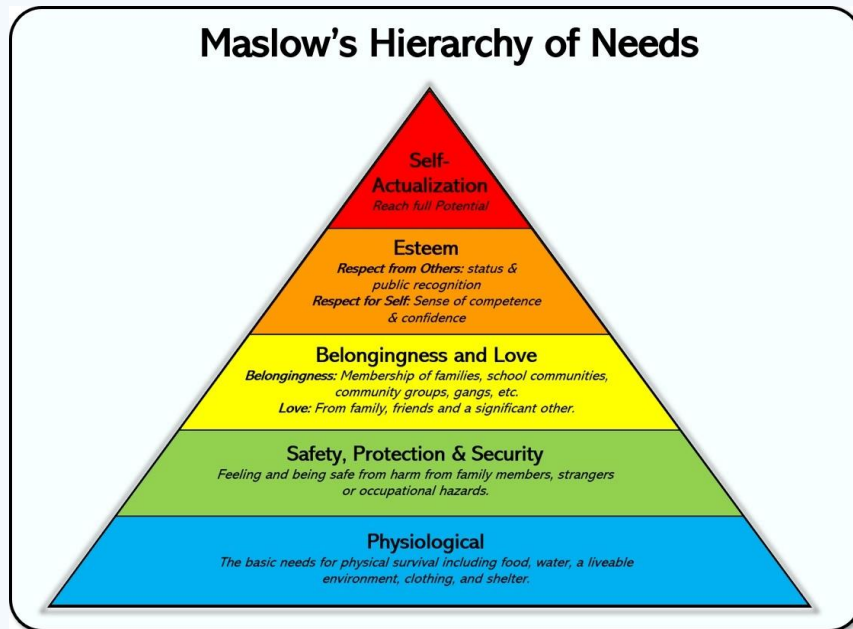


Sensory Educational n.d.

Links with theorists

Maslow

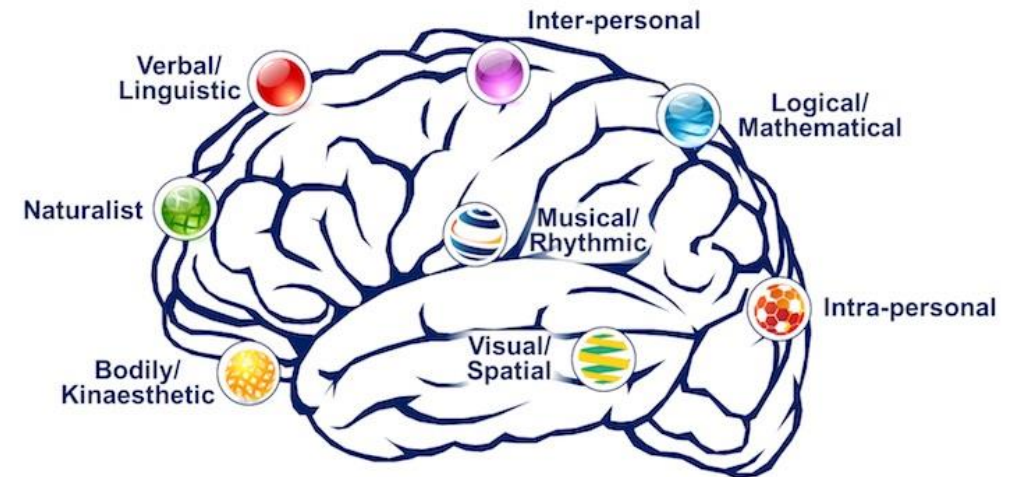
Maslows theory shows that self-esteem and confidence influence children's learning



Drew, n.d.

Gardner's Theory of Multiple Intelligences

'Strengths and weaknesses in one area do not predict strengths and weakness in others'



Multiple Intelligences
Howard Gardner: Frames of Mind

Clayton 2018

Four areas of SEN

1. Communication
and Interaction

2. Cognition and
Learning Needs

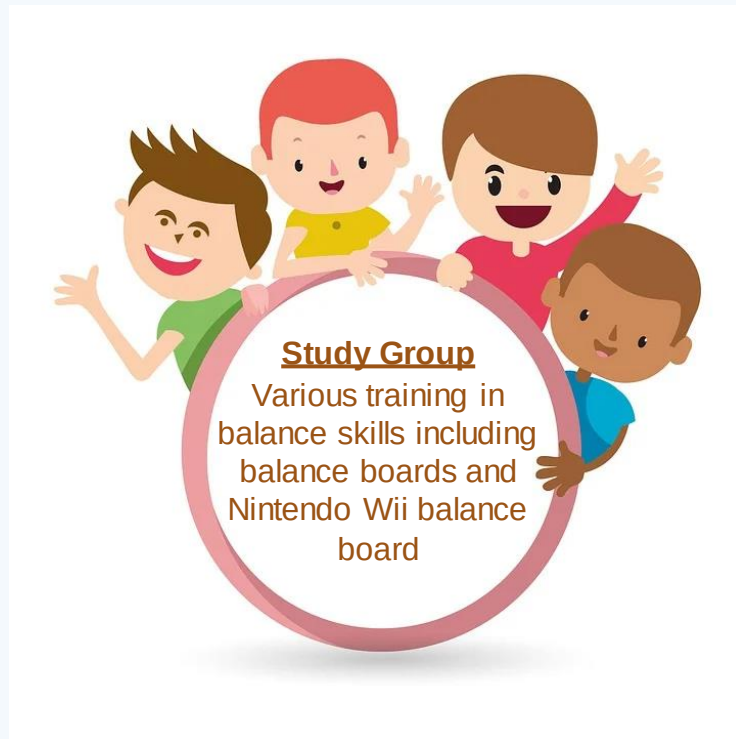
**Special
educational
needs and
disability SEND
code of practice
2015**

3. Social,
emotional and
mental health
difficulties

4. Sensory or
Physical Needs

Further Evidence

Shemy and Mohamed conducted a study where children with DCD were involved in research into the benefits of balance training.



Pixabay n.d.



Pixabay n.d.

Conclusion

Evaluation

Balance boards are:

a useful resource to develop gross motor skills

beneficial to promote good concentration skills

enables the child to participate in activities that may otherwise be difficult

Useful to create opportunities to develop friendships

FUN for all children but particularly those with DCD

THANK YOU FOR WATCHING



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