

Definition:

A condition that affects the ability to acquire arithmetical skills. Dyscalculic learners may have difficulty understanding simple number concepts, lack an intuitive grasp of numbers and have problems learning number facts and procedures. Even if they produce a correct answer or use a correct method, they may do so mechanically and without confidence.

□ Around 6% of children in the UK have severe difficulties with numeracy.

How you can help at home?

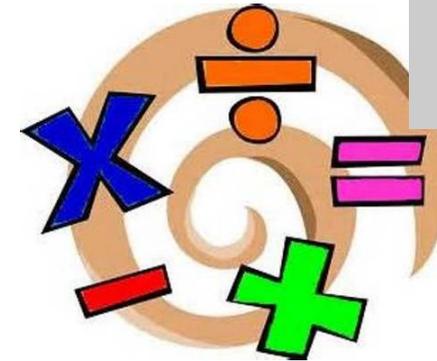
- ◆ Encourage your child to use money when shopping
- ◆ Ask your child to estimate the cost of buying items such as milk or bread
- ◆ Measure ingredients when cooking
- ◆ Talk about different ways of measuring e.g. filling the bath-estimate how many litres of water in the bath etc.
- ◆ Sing counting songs and rhymes, chant times tables.
- ◆ Talk about number in everyday life, e.g. when driving look at road signs, in restaurants look at the menu,
- ◆ Try to encourage the use of mathematical language such as *greater*, *lighter*, *heavier*.
- ◆ Becoming familiar with telling the time and being aware of the passage of time e.g. using clocks,
- ◆ Writing/drawing numbers, playing with shapes through games and activities.
- ◆ Use objects, coins and counters to help your child practically with counting.

**MAKE IT
FUN!**

TWO MILE ASH I.T.T



Dyscalculia



Trainee names

Skills which could be affected by dyscalculia...

Learning Aids

Multi-sensory teaching recognises that in order to learn, the sensory systems are required for discrimination of sounds and symbols and for arranging these in a sequential order.

The sensory systems are;

- Visual
- Auditory
- Tactile- kinesthetic
- Oral –kinesthetic



180,000 in primary school children suffer with Dyscalculia

Dyscalculia can effect how the brain and eyes work together. This could potentially lead to injuries as a child may have difficulty judging distances between gaps.

Children may find it difficult to be able to extract information accurately and consistently. How much of an ingredient to use in a recipe.

Physical

If a child struggles with maths there self-esteem, confidence and ability to work as a team will be effected. This could cause making friends / socialising difficult.

Comprehension

Social

Terminology

Using different terminology to represent a maths problem. For example, less than or more than is the same vocabulary as add and subtract.