



PARENTS ←

Misconception that you have to be great at maths to teach maths

DON'T TRANSFER FEAR

← Try not to show your 'dislike of maths' to your child.

'I never liked maths'

'I'm not good at it'

'Why do we even need maths'

'It's not like I'm going to need algebra in my day to day life'

(Even Mummy doesn't like maths)

TRY & DEMONSTRATE POSITIVITY FOR YOUR CHILD

← Even if you feel unskilled

TIME OUT

If you feel maths  
time becomes stressful  
Sit back and  
give yourself  
& your child a  
'BREAK'

MAKE MATHS  
AS FUN AS  
POSSIBLE.

Positive reinforcement

'Storytelling'

'role-playing'

'Maths through art'

# LEARNING DIFFICULTIES

## DYSCALCULIA

- A specific learning difficulty in maths which requires a diagnosis.

- An impairment in numerical magnitude processing.


- Is a cognitive condition which affects mathematical skills

→ Struggle with conceptual arithmetic understanding

- patterns
- quantities
- comparisons

## Signs of dyscalculia

- Difficulty counting backwards.
- Poor sense of number and estimation.
- Difficulty in remembering 'basic' facts, despite many hours of practice. This can include times tables.
- Reliance on counting to solve mathematical problems.
- Difficulty understanding place value
- Generally slow when performing calculations
- Difficulty remembering mathematical methods and procedures.
- Avoidance of difficult tasks
- Weak mental arithmetic skills.
- High levels of mathematics anxiety.

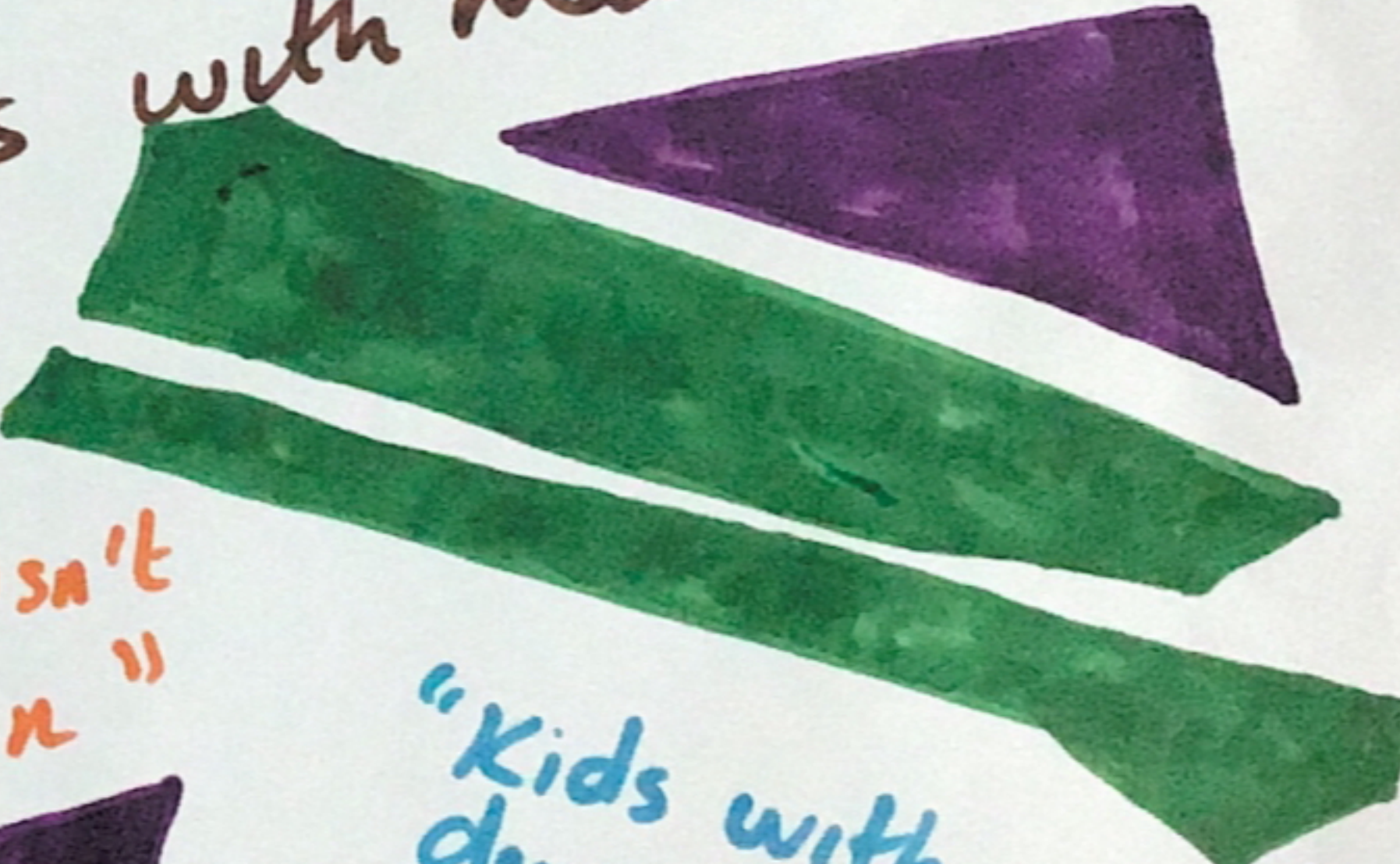


# MYTHS ABOUT




# DYSCALCULIA

"All children with  
dyscalculia have the same  
difficulties with maths"



"Dyscalculia isn't  
very common"



"Kids with  
dyscalculia can't  
learn maths"

"Dyscalculia is another name  
for math anxiety."

# MATH ANXIETY

## VERSES

### DYSCALCULIA

- \* Maths anxiety and dyscalculia are different
- \* Both can affect how kids do in maths & they can show up in different ways.
- \* Maths anxiety can make children question their abilities, even if they have strong skills.
- \* **DYSCALCULIA IS A COGNITIVE**  
**CONDITION**

# STEPS TO TAKE IF YOU FEEL YOUR CHILD HAS DYSCALCULIA.

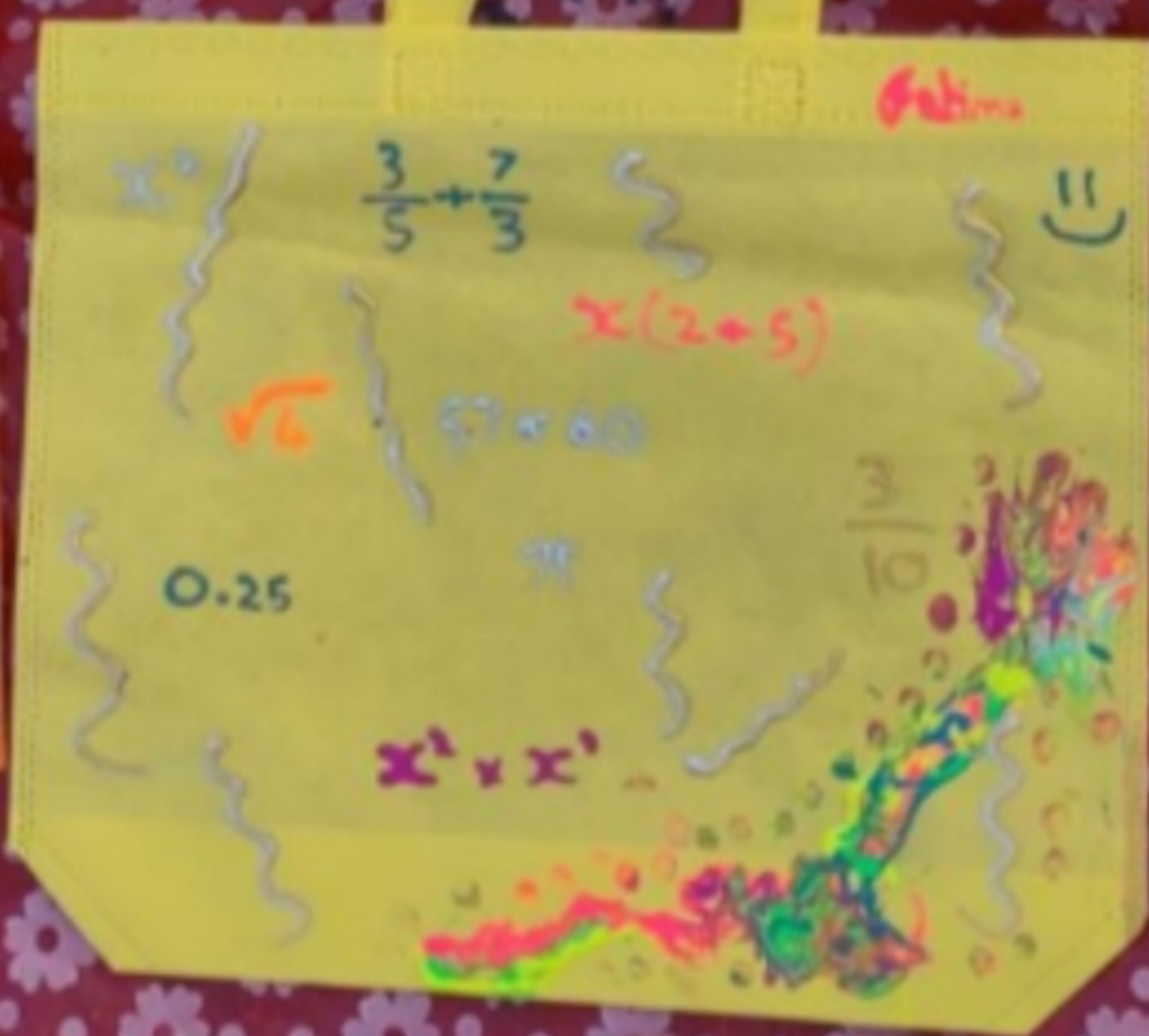
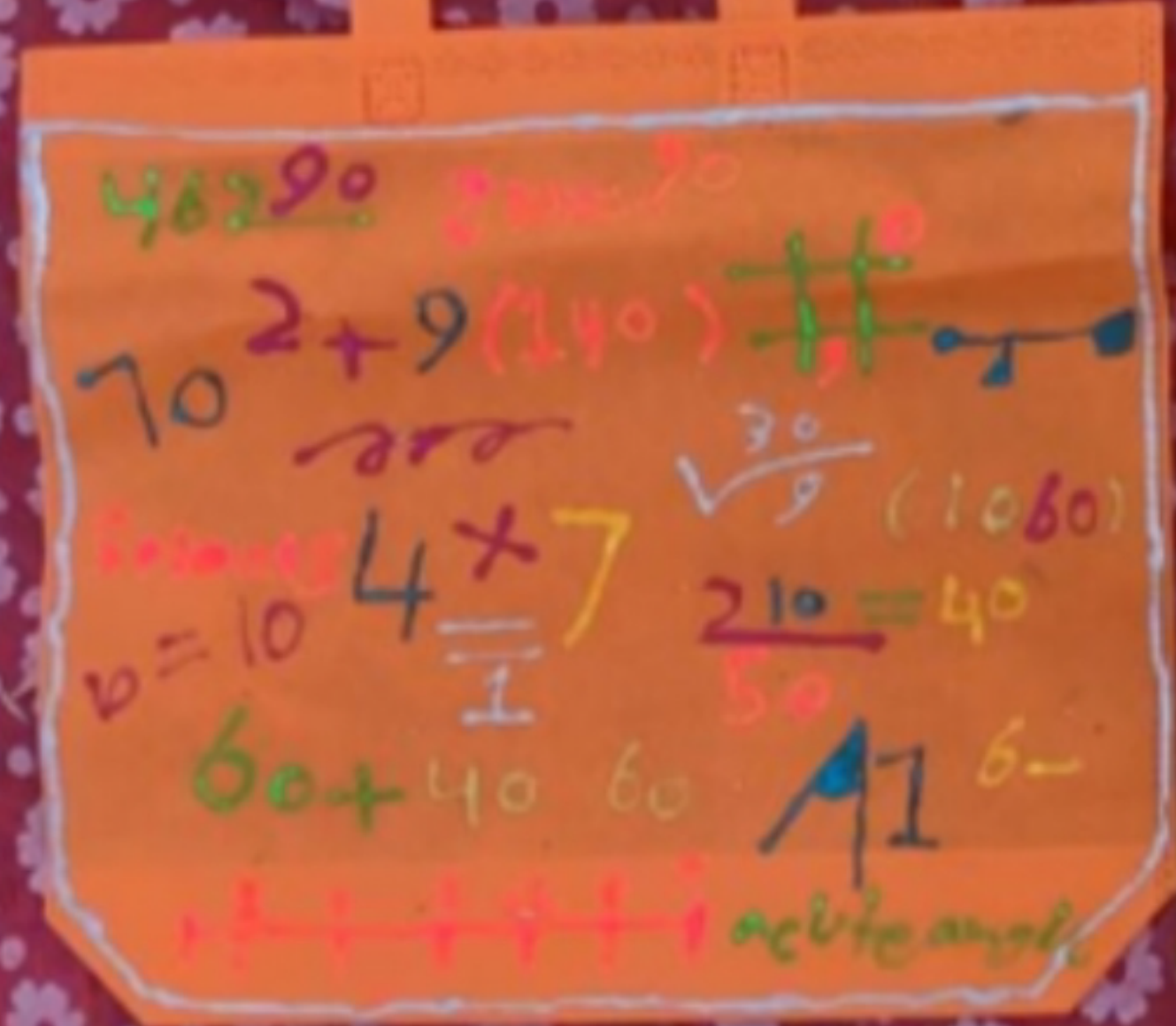
\* If your child has a hard time with numbers, see their doctor to rule out any vision or hearing problems which may affect their ability to learn.

\* Make an appointment to see an educational psychologist, a learning specialist or neuropsychologist.

\* How can I help my child.

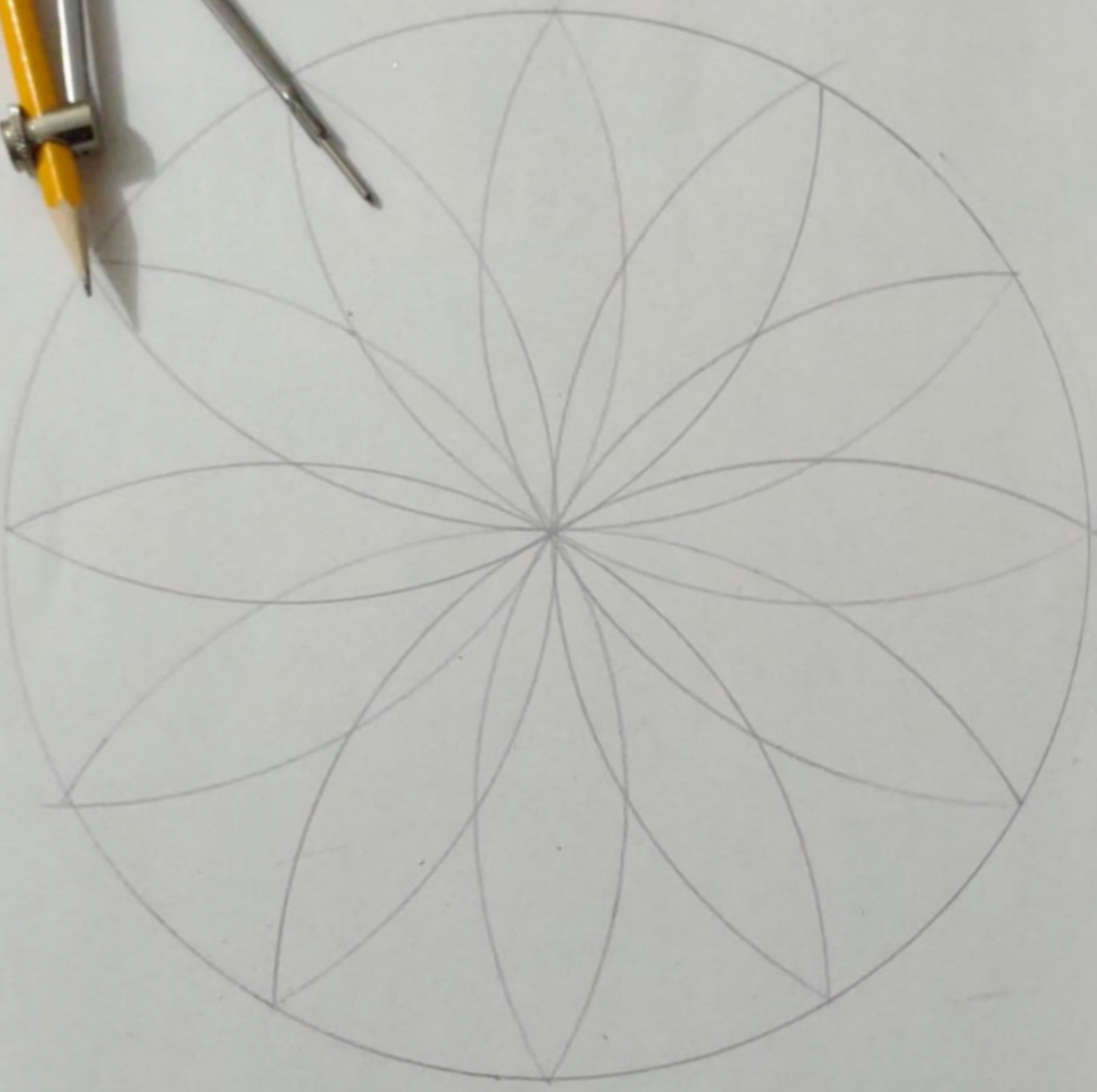
- LET THEM USE THEIR FINGERS AND PAPER WHEN THEY COUNT.
- LET THEM USE A CALCULATOR / COLOURED PENS
- USE SQUARED PAPER (GRAPH PAPER). IT HELPS KEEP COLUMN & NUMBERS STRAIGHT
- USE RHYME / POEMS TO TEACH MATHS FACTS & STEPS
- DRAW PICTURES OF MATH WORD PROBLEMS





# Parachute Games for Everyone From Toddlers to Seniors





# IGCSE MATHS

## WITH DYSCALCULIA

- \* All examination boards including Cambridge & Edexcel can accommodate children with DYSCALCULIA
- \* An Educational Psychologist / Doctors report can be used as proof.
- \* The child can benefit from:-
  - Extended time for tests
  - Allowing intermittent breaks during the test or exam.
  - Providing a quiet or separate testing area so there can be fewer distractions and less noise.

# 6 superpowers of Dyscalculia

- Creativity – a lot of people with dyscalculia are very artistic and have above average imaginative skills, which is reflected in their learning style.
- Strategic thinking – people with dyscalculia see situations holistically, enabling them to identify the important elements and not just focus on one element or the minor details.
- Practical ability – people with dyscalculia are very hands on and practical, which is a great to skill to have both inside and outside of education, and can lead to some very exciting careers.
- Problem Solving – people with dyscalculia are fast problem solvers, have the ability to think outside of the box and can reflect on past experiences. This provides unique insight and methods for solving problems.
- Love of words – people with dyscalculia are often exceptional at reading, writing and spelling.
- Intuitive thinking – people with dyscalculia are good at interpreting reality

# DISCLAIMER

\* If you feel your child may have dyscalculia please DO NOT SELF DIAGNOSE.

\* ONLY A TRAINED HEALTHCARE OR EDUCATIONAL PROFESSIONAL CAN MAKE A DIAGNOSIS

- COGNITIVE PSYCHOLOGIST
- EDUCATIONAL PSYCHOLOGIST
- LEARNING SPECIALIST

\* DYSCALCULIA IS A COGNITIVE CONDITION

- AN IMPAIRMENT IN NUMERICAL MAGNITUDE PROCESSING.