

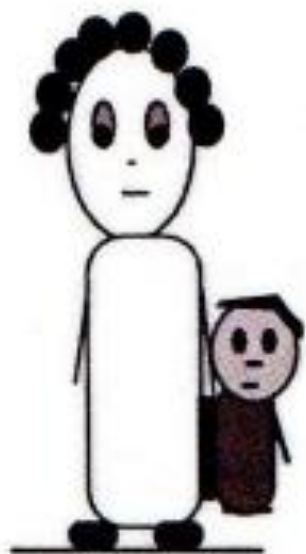
# Providing effective support in maths

How to help your child with their maths learning

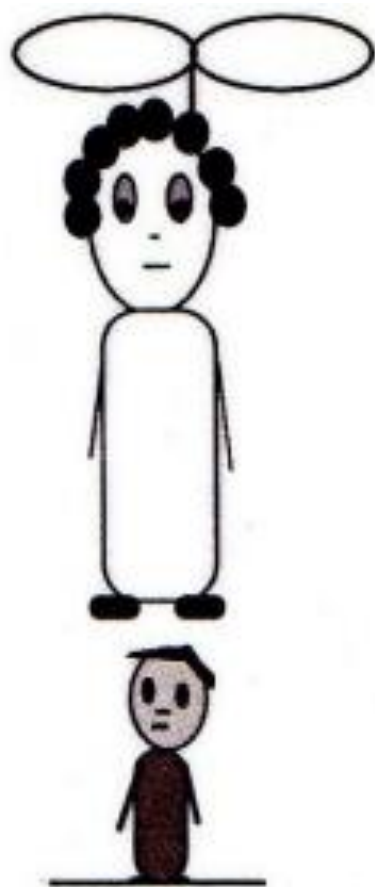
# How to help your child

- Clear explanations that stay the same
- Allow them time to practise – even if this means getting it wrong!
- Use visuals/pictures/online resources to support the task
- Keep lessons/sessions short and snappy
- Ask useful questions at the right time
- Use resources from around the house to help with tasks

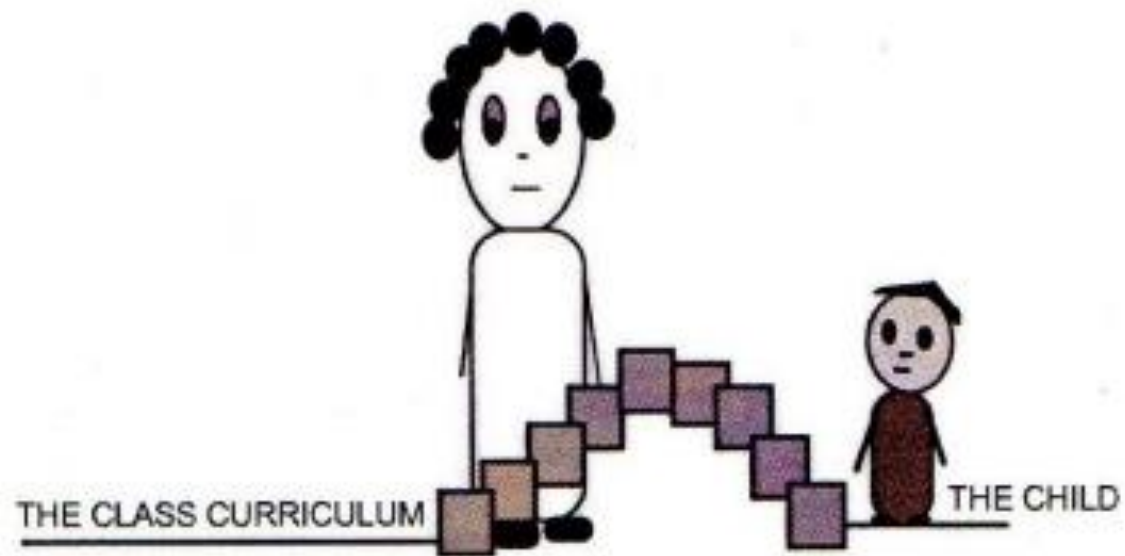
Knowing when to stand back can be the best way to help your child with their maths.



A Velcro'd  
Assistant



A Helicopter  
Assistant

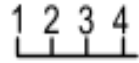


A Bridge Builder  
Assistant

# What we use in school



numicon



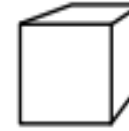
number line

100



100

square



cubes



counters



calculator



cuisenaire



beads

# What you could use at home



# Exploration/investigation

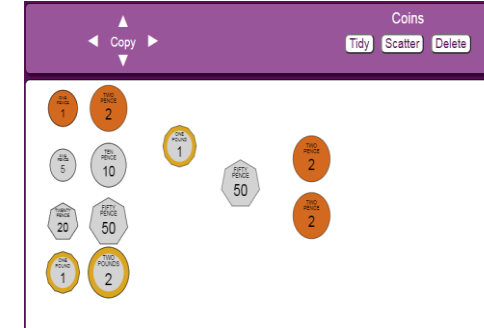
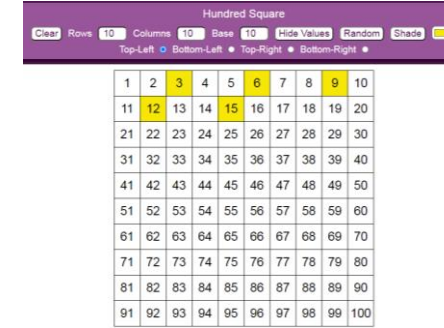
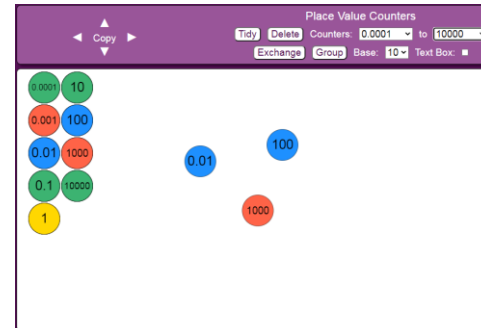
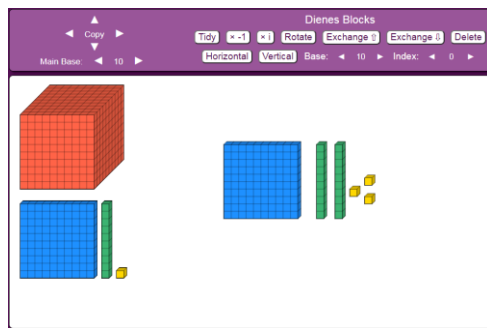
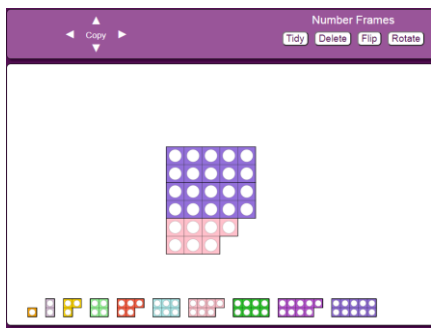
- Maths is explorative
- Try not to over-explain
- Let children discover answers for themselves: guided discovery
- Show, don't tell
- Ask children to talk about what they've done
- Go on a journey with your child(ren)!

# Reasoning/problem solving

- 3 parts to maths: fluency, reasoning and problem solving
  - Fluency** = number facts/working out calculations
  - Reasoning** = finding things out/exploring rules/explaining how they know
  - Problem solving** = using what they already know to solve problems
- All equally important! Fluency is a useful tool to inform the other strands
- Fluency alone is not enough
- Talk around the maths – give them the words they need to talk about theirs!
- We don't give successful children bigger numbers, we encourage them to understand the process better

# Online help

<https://mathsbot.com/manipulativeMenu>



<https://www.mathlearningcenter.org/apps>

