

HOW TO HELP YOUR CHILDREN WITH MATHS

WITH INTERNATIONAL CONSULTANTS
LIZ GIBBS AND ANDREW JEFFREY

www.thebusylizzie.co.uk

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TUESDAY

10
OCT



Today We Be Looking At...

- How to support your child with mathematics at home
- How to build confidence
- How to make the most of every-day life opportunities
- Some simple but effective games to play at home
- Five things you should NEVER say to your child – and why!





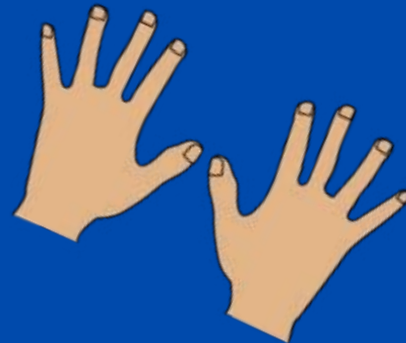
Fun calculation activity



In pairs, count one two and on the number three, show one hand and some fingers (any number of fingers). Add them together as quickly as you can.

Variations:

- Add both hands together and subtract from 10
- Use two hands each and add the numbers together
- Use two hands each, add all the number of fingers and subtract from 20
- Use one hand and multiply
- Use one hand of one partner and two hands of the other and multiply
- Use two hands and multiply





Mathematical literacy

Support your child by reading mathematically based stories together.

www.mathsthroughstories.org

- Newsletter
- Booklist
- Book reviews
- Videos and lesson ideas





Problem-Solving

- Designated problem solving websites such as...
- NRICH
- NZ maths





'Real maths' situations



- Choosing best value for trips or shopping
- Car journey: it's 25km to grandpa's house, we've already driven 12km, how much further is it to grandpa's?
- Our flight leaves at 14:35, we have to be at the airport 3 hours before our flight, it takes us 20 minutes to drive to the airport, what time should we leave?
- It's 8:15am in Bangkok, what time is it in the UK?



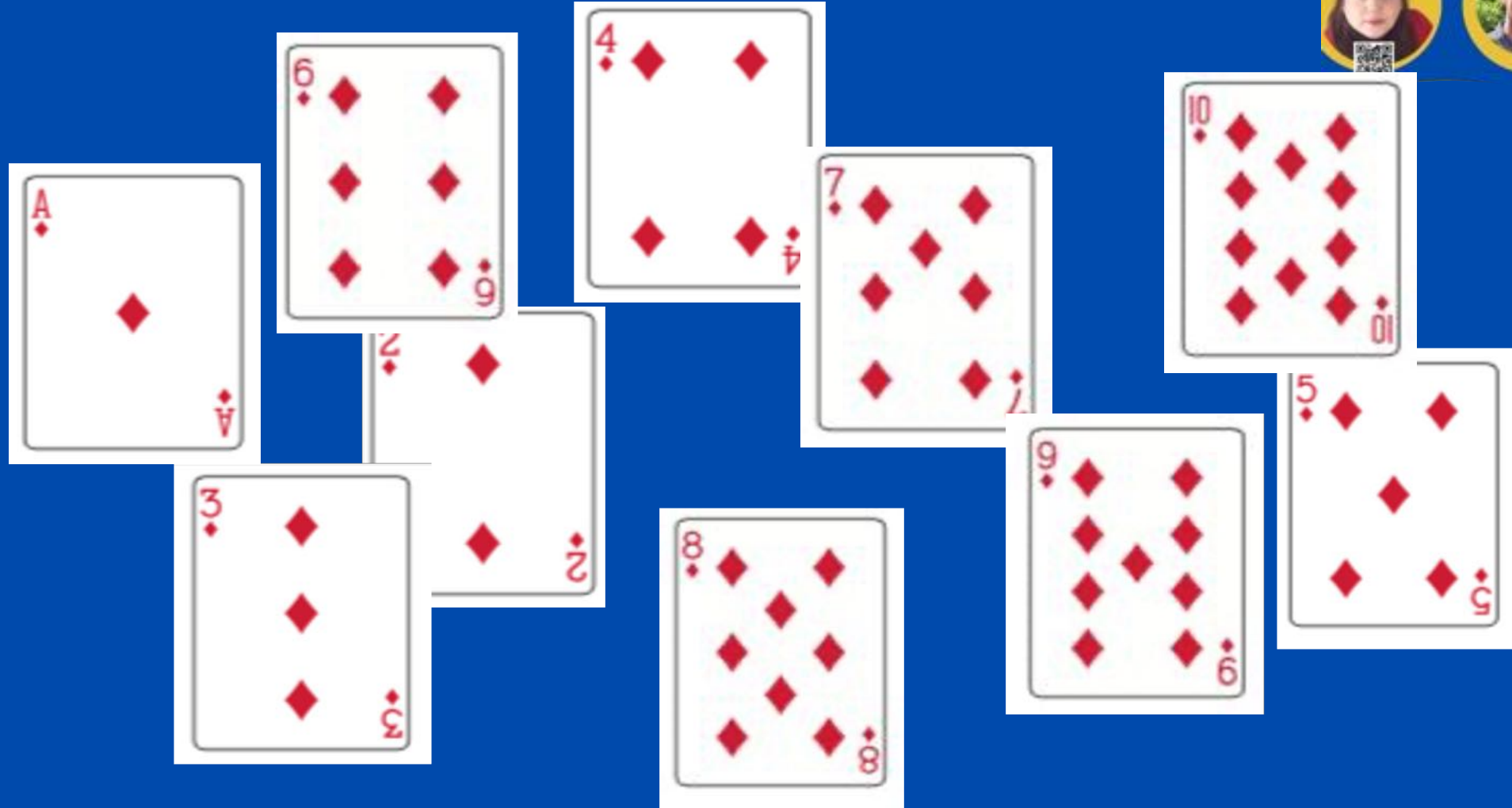
Measures: cooking and food preparation

- Laying a table with enough crockery and cutlery
- Arrays (multiplication) such as baking trays or pans
- Helping with making a meal, measuring liquid and dry ingredients
- Setting the correct temperature of an oven
- Timing of different parts of a meal, so that they are ready to eat at the same time
- Arranging food or drink labels from the container that held the least to the most.





FIFTY FIVE



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NEVER SAY THIS...

~~It's easy, I'll show you!~~



INSTEAD SAY THIS...

Tell me which part is confusing and I will try to help.

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NEVER SAY THIS...

~~I don't know – ask
your
father/mother!~~



INSTEAD SAY THIS...

I'm not sure
yet, let's find
out together.

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NEVER SAY THIS...

~~I was rubbish at
maths at school~~



INSTEAD SAY THIS...

I had to work
hard to
understand
maths at
school.

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NEVER SAY THIS...

~~It's easy – let me show you my way.~~



INSTEAD SAY THIS...

Everything is hard at first.
Let's take a look.

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NEVER SAY THIS...

~~You can do this –
you are very
clever.~~



INSTEAD SAY THIS...

You can do
this if you
work hard.

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