

Tug-of-War (a game for 2 players)

What's the maths?

Partitioning number, quantity, basic strategies (add / sub)



1. Each player takes 10 beads to their end of the bead kebab.
2. Players take it in turn to roll the dice and take that many beads from the opposing player.
3. Each player says how many beads they have after each roll of the dice... and how they know?
How many beads do you have now? How do you know?
"I counted by ones" OR "I can see five pink beads then 2 more" etc
How many more do you need to make 20?
4. Keep playing until one player has all the beads.

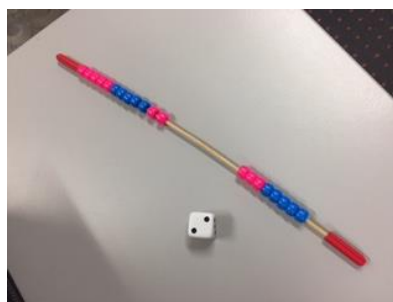
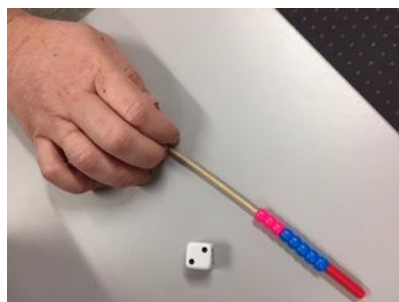


Questions:

- * How do you know you have ___?
 - * If you find your child is counting by ones, ask them 'Can you work out the number of beads you have in a different way?'
- eg. If the number is 8 your child might notice that 5 and 3 more make 8.

Tug - of - war HIDE AND SEEK

Same as above but when it's your turn, you cover your beads and try and work out how many are hiding?... can you pay attention to the ones we can see to imagine what the hidden ones look like?



"I think I have 2 pink beads and five blue beads and five more pink .. I have 12"
"You have 8 so in know 2 more makes ten and then another 10 makes 20... I have twelve"