

Beanbag Maths 2

A multiplying and adding activity (totals within 100) for groups or pairs

What you will need per group – outdoor activity

- 5 beanbags
- Chalk
- Whiteboards and pens **or** paper and pencil for recording scores

What to do – outdoor activity

- This part of the activity needs to take place in the playground or a large open space.
- With chalk, draw enough target boards on the playground for children to work in small groups. (See diagram below and ensure the target circles are large enough to allow beanbags to land comfortably in each section.)
- Label the circles with the numbers as shown below: 2, 4, 6, 10. Tell children these are the points for throwing a beanbag in each area.
- Draw a chalk line a short distance away from the target board. This is where children will throw their beanbags from.
- Each child throws 5 beanbags. Children can work together in their group to calculate the score for that child and record it. They will need to multiply the number of beanbags by the number of points in each section.
- For example, if 3 beanbags land in the 2-point section, the child scores 6 points; if 2 land in the 10-point section, they score 20 points. The total score here is 26 points.
- Each child in the group takes their turn.
- The winner is the person with the highest score.

Extensions and questions for both activities

- What is the highest score?
- What is the lowest score?
- How many different ways could you score 20? Try other totals.
- Change the value of each section of the circle to make it more or less challenging, for example, 2, 3, 5, 10.
- Identify a total score (for example 40) and try to throw a set number of beanbags or place the counters to reach this total.
- Try the activities again, using more counters or beanbags.

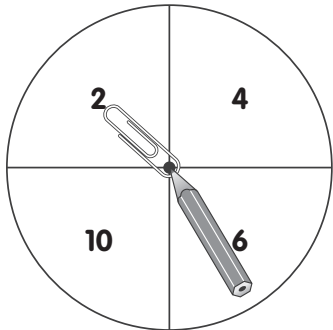
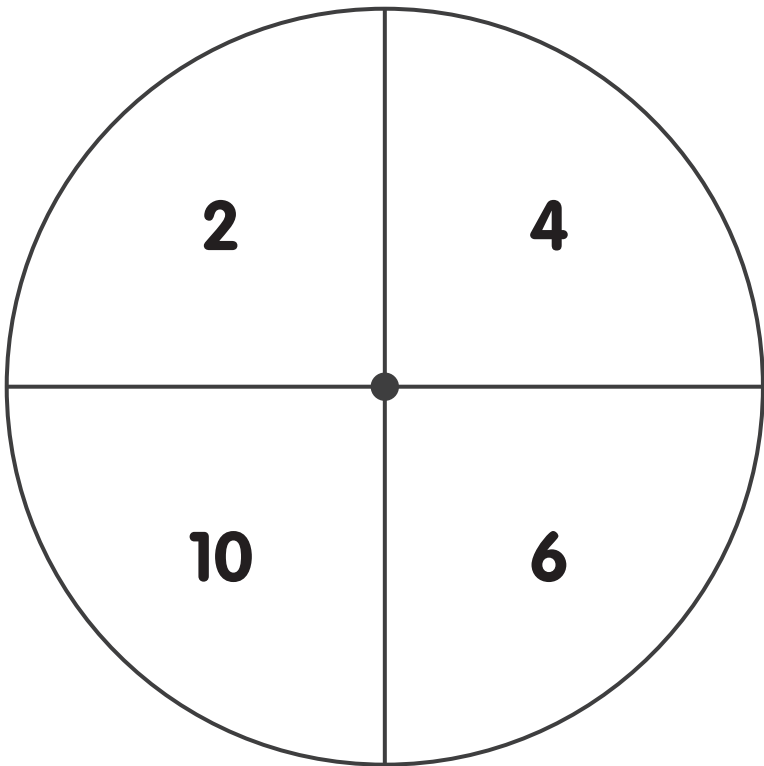
What you will need per pair – indoor activity

- A copy of this sheet (**Please note:** this is an A3 document and needs to be printed at 100%)
- Counters in 2 different colours (5 of each)
- Numicon 10s Number Line
- Numicon Shapes
- Spinner, using a Numicon Spinner with Overlay provided below, **or** the spinner on this sheet, made with pencil and paperclip
- Whiteboards and pens **or** paper and pencil for recording scores

What to do – indoor activity

- Give each pair a copy of the target board and score chart. Each child takes 5 counters of one colour.
- In pairs, each child takes it in turn to spin the spinner. This shows which section of the target to put their counter on. The child places their coloured counter onto the target board.
- Continue to play, taking turns, until both players have placed all 5 counters.
- Children complete the score chart, identifying how many counters they have and the score for each value on the target board.
- They then calculate their total score using the 10s Number Line and Numicon Shapes.
- The winner is the child with the highest total.

Spinner

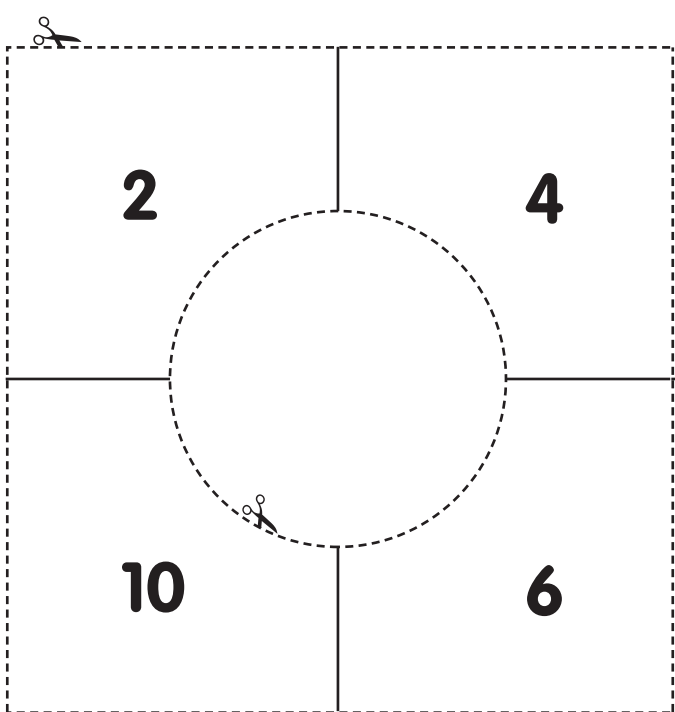


Use a pencil and paper clip to make the spinner on this sheet, as shown here.

Score Chart

	Name		Name	
Points	Number of beanbags/ counters	Score	Number of beanbags/ counters	Score
2				
4				
6				
10				
Total				

Spinner overlay



Beanbag Maths 2 – continued

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Target Board

