

Practical Maths for Kindergarten

Counting

What will the students learn?

- Number names to 10 – counting forwards
- Number names to 20 – counting forwards
- Counting backwards from 10 to 0
- Counting objects to 10
- Counting objects to 20
- Number line to 10
- Number line to 20
- The number in-between two numbers
- Ordinal number: 1st, 2nd, 3rd, etc.

Activity 1: Counting Walk to 10

Resources needed: Large 1-10 number line

Ask students to walk along the number line, counting 1-10.

Activity 2: Counting rhymes

Number Rhymes/Poems

Examples:

1, 2, 3, 4, 5

Once I caught a fish alive

6, 7, 8, 9, 10

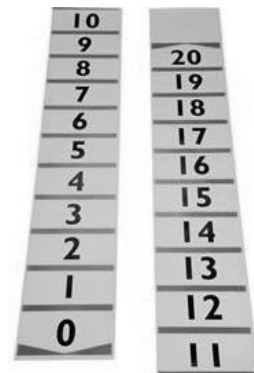
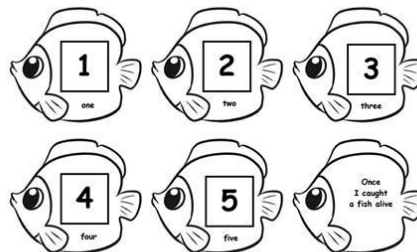
Then I let him go again

Why did I let him go?

Because he bit my finger, so

Which finger did he bite?

This little finger on the right.



One potato, two potato

Three potato, four,

Five potato, six potato,

Seven potato, more!

Eight potato, nine potato

Now we're up to ten

Eleven potato, twelve potato

Time to start again

Activity 3: Practise counting actions and objects to 10

Counting the number of steps, hops, jumps, claps, bounces, objects e.g.

1, 2, 3, steps etc.

When counting objects, make sure the child has accurate one-to-one correspondence.



Activity 4: Counting backwards from 10

Rocket blast-off:

10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0 (blast-off)



Activity 5: Counting Walk to 20

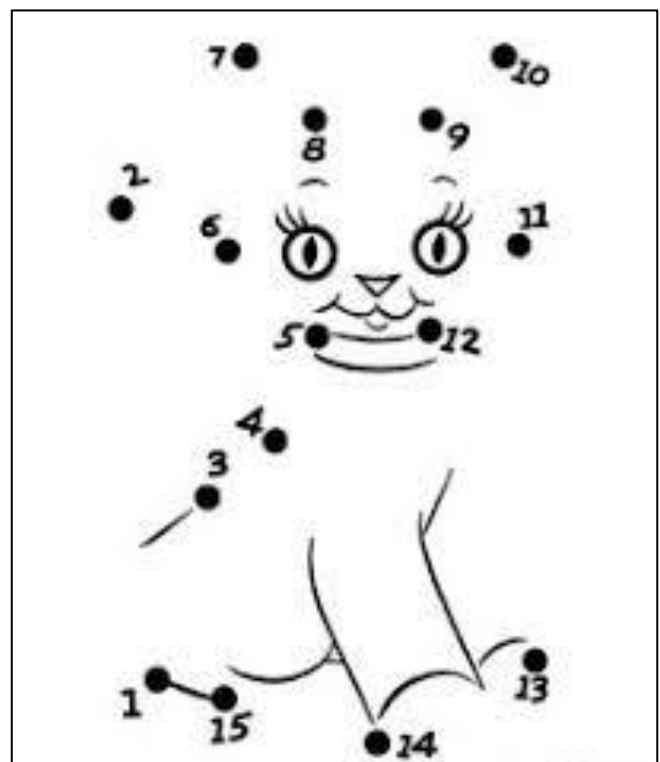
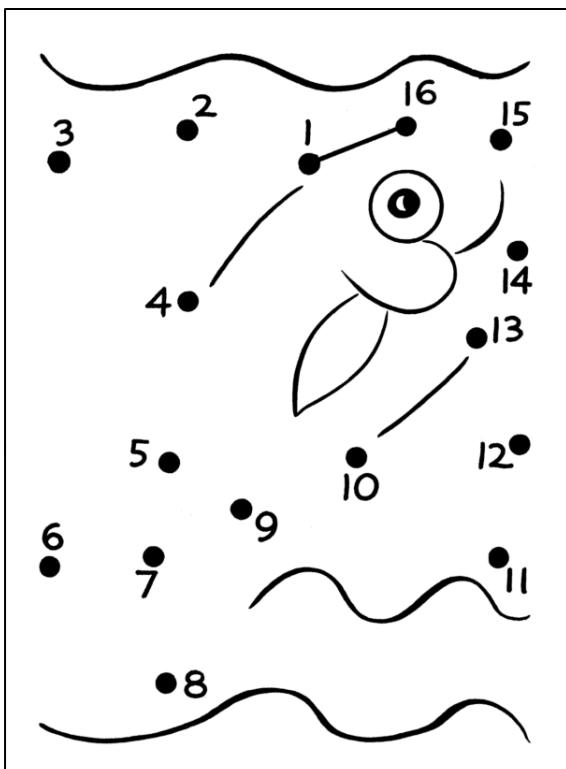
Resources needed: large 1 to 20 number line

Ask students to walk along the number line, counting 1 to 20.



Activity 6: Dot to Dot drawing

Resources: Dot-to-dot picture sheets



These can be made easily. Try getting the older child to make one for a younger child. Draw a simple picture (line drawing) then place numbered dots along the lines. Then place tracing paper over the drawing and trace only the numbered dots. Give it to a child to complete.

Activity 7: The number in-between

Resources needed: Number chart 1 to 20

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Ask the student to find a given number on the number chart, e.g. “Put your finger on 8. Now put your finger on 10. What is the number in-between 8 and 10?”

Now give them different examples, e.g. “What is the number in-between 16 and 18?”

Activity 8: Find the collection of counters that matches the dots on the die

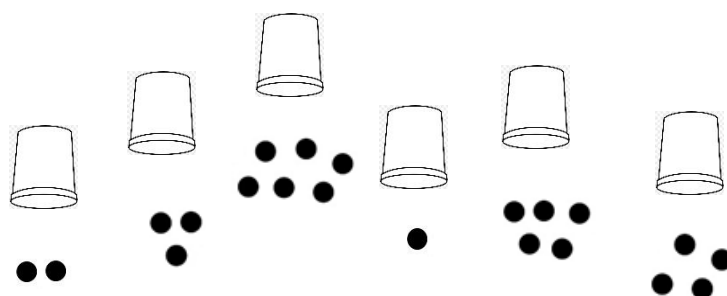
Resources needed: counters, die, empty margarine containers or paper cups

Take 6 margarine containers or paper cups. Hide different numbers of counters under these, (between 1 and 6 counters under each container).

Ask the student to roll a die.

They must find the collection that matches the number of dots on the die.

Repeat several times.



Activity 9: Practise counting things up to 20

Resources needed: counters or objects

Counting the number of steps, jumps, claps, bounces, objects, e.g.

“Take 15 steps.” Also ask them to set out counters, e.g. “Put out 13 counters.”

Activity 10: Count to Fifteen! Take a Counter

Resources needed: counters

Three people needed: First person says ‘one’, second person says ‘two’, third person says ‘three’, first person says ‘four’. Keep the counting going until fifteen is reached. The person who says fifteen takes a counter and begins the next count. Repeat four times. Ask the students if they know who will get the next counter.

Activity 11: Ordinal number (1st, 2nd, 3rd, 4th, 5th etc.)

Resources needed: counters or any objects

Put 10 objects in a row. Say, “Show me the 3rd one; show me the 9th one” etc.

