

Westfield Nursery School

Mathematics- Number Challenge

Egg Box Maths

You will need:

- Egg box carton
- Pen
- Objects for counting e.g. buttons/ beads/ coins/ bricks

What to do:

1. Find an empty egg box
2. Make a collection of objects in the lid
3. Discuss the objects (colour/ shape/ size)
4. Count items into the egg cups- 1 per cup. How many do you have?
5. Write the numbers into the egg cups using the pen (1-6, 1-10, 1-12, 1-15 depending on the size of the egg box)
6. Can your child count the correct number of items into each egg cup? (i.e. 3 items matching numeral 3)

Other ideas:

- Discuss which has more/ less?
- Make a mistake in your counting, can your child correct you?
- Can your child say which is one more or one less?

Extension

- Cut up the egg box. Can your child still count the correct number?
- Can your child order the numbers?

You could play...

<https://www.bbc.co.uk/bitesize/topics/zjkphbk/articles/zd4b382>

Knows and Uses Numbers (Maths Development)

Points or touches (tags) each item, saying one number for each item, using the stable order of 1,2,3,4,5 (36-48 months)

Links numerals with amounts up to 5 and maybe beyond (36-48 months)

Uses number names and symbols when comparing numbers, showing interest in large numbers (48-60 months)

Matches the numeral with a group of items to show how many there are (up to 10) (48-60 months)



Number Songs

Five Little Speckled Frogs

Five little speckled frogs
Sat on a speckled log
Eating some most delicious grubs - yum,
yum
One jumped into the pool
Where it was nice and cool
Now there are four green speckled frogs
- glub, glub.



Repeat for four, three, two and one

Five Little Ducks

Five little ducks went swimming
one day,
Over the hill and far away.
Mother duck said, "Quack quack quack
quack."
And only four little ducks came back!



Repeat for four, three, two and one

No little ducks went swimming one day,
Over the hills and far away,
Daddy duck said, "Quack quack quack
quack."
And five little ducks came swimming
back.

Five Little Monkeys

Five little monkeys swinging in a
tree,
Teasing Mr crocodile,
You can't catch me - you can't
catch me
Along came Mr crocodile,
As quietly as can be,
Sh sh sh sh
Snap went Mr crocodile,
I'll eat you for my tea



Repeat for four, three, two and one

One, two, three, four, five

One, two, three, four, five
Once I caught a fish alive,
Six, seven, eight, nine, ten,
Then I let it go again,
Why did you let it go,
Because it bit my finger so,
Which finger did it bite,
This little finger on my right.



Five Little Men in a flying Saucer

Five little men in a flying saucer,
Flew around the world one day,
They looked left and right but they didn't
like the sight,
So one man flew away.



Repeat for four, three and two

One little man in a flying saucer,
Flew around the world one day,
He looked left and right but he didn't like
the sight,
So that man flew away.

Five currant buns in a baker's shop

Five currant buns in a baker's
shop,
Round and fat with a cherry on top.
Along came a child with a penny one day,
Bought a currant bun and took it away.



Repeat for four, three, two and one

Knows and Uses Numbers (Maths Development)

Takes part in finger rhymes involving numbers (18-24 months)

Begins to count on their fingers (24-36 months)

Performs a Dance, Song or Rhyme and Uses Imagination (Expressive Arts and Design)

Joins in singing songs/saying rhymes/action songs (24-36 months)

Sings familiar songs e.g., pop songs, songs from TV programmes, rhymes (36-48 months)