



Counting to 5

Can you collect 5 stones?

Now throw one into the water.
How many are left?

Now throw another into the water
how many do you have now?

How many more stones do you need to add to
have 5 stones again?



Mathematical language

Can you use your beach
bucket and collect sea
water so it is:

- A) Half full
- B) Full
- C) Empty

Which was the heaviest to carry?



Addition to 10

Can you find 5 shells that
are the same?

Now can you find 5 of
another type of shell?

Count all the shells. How many are there?

Mathematical language

Can you find 3 stones: A big stone, a medium
sized stone, a small stone

Throw them into the water (one at a time)



Which one
makes the
biggest
splash?



Counting to 10

Can you collect 10 stones?

Now throw them into the water, one at a time. Count each time you throw them. 1.....2.....3..... etc



Mathematical language

Can you find:

5 shells

4 stones

3 feathers

2 pieces of seaweed

1 piece of sea glass

What do you have the most of? what do you have the least of?

3D Shapes

Look at the Time and Tide bell (or the beach around you). How many 3D shapes can you spot?

Rectangular prism
Teardrop
Sphere
Cylinder
any others?



Counting to 5

How many of these can you spot? Count how many things you have found!



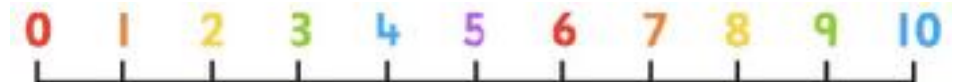
2D Shapes



Look at the Time and Tide bell (or the beach around you). How many 2D shapes can you spot?

Rectangle
Square
Circle
Oval
any others?

Number lines



Start at the Time and Tide Bell. Can you draw a number line in the sand (example above)?

Look at the number 5.
Which number is 1 less?
Which number is 1 more?

2D Shapes

Can you draw the following 2D shapes in the sand?

Circle
Square
Triangle
Oval
Hexagon

Mathematical Language/Counting to 5

Can you find 5 interesting objects on the beach?

Now can you put them in a line, in size order?

Which is the largest?
Which one is the smallest?
Which one is in the middle?

Adding to 5

Can you collect 2 pieces of seaweed and 3 shells. How many items do you have in total?

$$2 + 3 =$$

Can you collect 1 interesting object and 4 stones? How many do you have in total?

$$1 + 4 =$$

Mathematical language

Can you find 5 really interesting objects?

Why are they interesting?

Which one is the largest? Can you find anything larger?

Which one is the smallest? Can you find anything smaller?

Counting

Start by the Time and Tide Bell. How many steps does it take to walk around it? Count each step?

OR

Can you start by the bell and walk to the end of the beach/pier/dune/marsh. How far does 10 steps take you? And another 10?

Now walk back. How many steps did you walk altogether?

Sharing/Dividing

Can you find 6 shells?

Now draw 3 circles in the sand.

How many shells does each circle get so the shells are shared fairly?