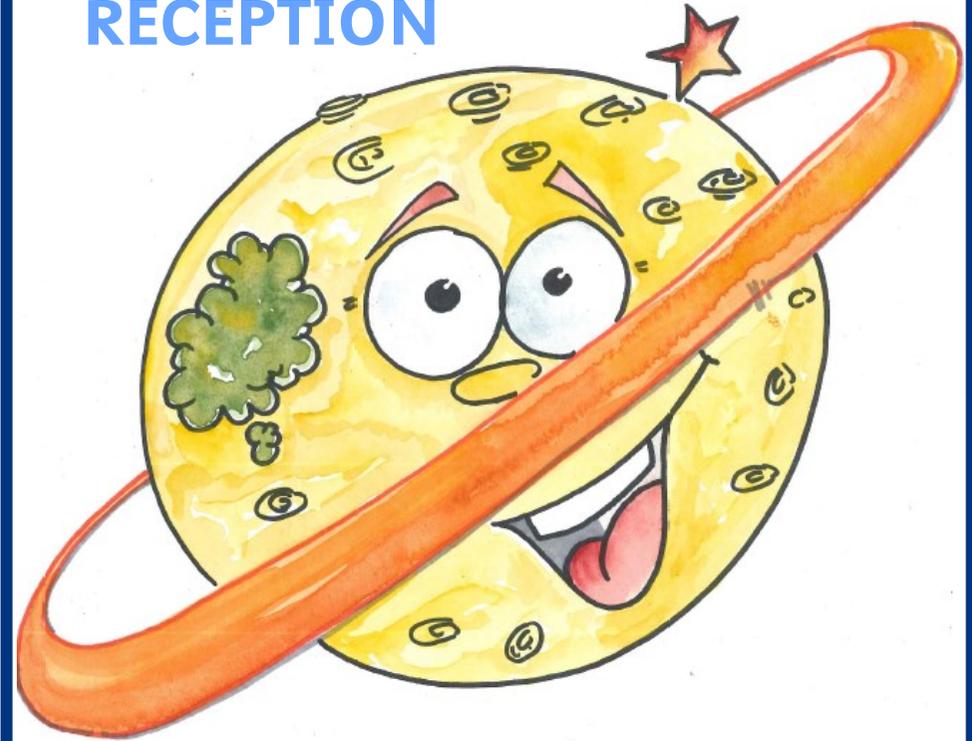




RECEPTION



PLANET ARCHIMEDES

Name:-

Maths Planets is a maths programme which helps children to develop their mathematical skills, and mental arithmetic.

This booklet contains examples of the objectives along with examples of activities which will help your child to develop their maths skills. The planet is organised in to two areas: the orange rings and the green gas cloud. We encourage children to work towards the different areas of their planet at home with their parents.

At the back of this booklet you will find the objective that your child should be working on at home. When you feel they have completed this objective, please let your child's class teacher know so that they can check.

When your child completes their objective they will get a sticker from their teacher and a new objectives will be added to this booklet. Once they have achieved all the objectives in one area of the planet, they will receive a special certificate in Celebration Assembly.

Alongside the activity ideas listed, parents can borrow games from our Maths Library every Friday after school. You can also go onto our class webpage to see more links to Maths games online and useful apps. The pink man in this booklet gives links to games on Busy Things that can help your child.

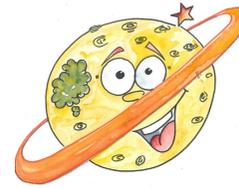


www.busythings.co.uk

Username: home1294

Password: beep6481

Say 1 more and 1 less than a number to 20.



The orange rings

I can say my numbers in order from 1-10.
I can recognise numerals 1-5.
I can say my numbers in order from 1-20.
I can recognise numerals 1-10.

Playing games involving spotting certain numbers on car number plates/front doors.
Counting how long it takes to complete a task.
Playing board games (rolling dice and counting out loud)
Flashcards once a day for 30 seconds.



Action Time/Balloon Tree/Feed the Monkey

I can count up to ten objects accurately.
I can count up to 10 objects and find the numeral to match.
I can count up to 15 objects accurately.

Counting cars, sticks, tins of beans, puddles etc.
Board games (counting number of spaces e.g. Snakes & ladders)
Pairing activities—pictures of objects and numerals to match.



Balloon Tree/Feed the Monkey/Rocker Shocker/Hungry Chicks

I can add two sets of objects together to find the total.

Adding different types of materials or toys together.
Board Games: Roll two dice and add the score together.
Showing different amounts of fingers on hands and adding together.



Number jump/Playground/Miner Birds/Hungry Chicks

I can find one more or one less from a group of up to 5 objects.

I can find one more or one less from a group of up to 10 objects.

I can say the number that is one more than a given number up to 10.

Counting a number of sweets, eating one and saying one less.
Counting objects, what if I had one more?
Recognising numerals, which number comes before? Which number comes after?



Islands—More or Fewer?/Rollercoaster—More or Less?/Rollercoaster—Ordering

I can solve practical problems that involve doubling and halving.

Sharing orange segments/sweets out between two people.
'There were 8 segments, so each person has 4 each. Half of 8 is 4.'

Can you put the same number of bricks in each tub? 'So half of 10 is 5.'

I need 6 bricks to build a tower. How many would I need if I built 2 towers? 'So double 6 is 12.'

Baking—Can your child help you double the ingredients to make twice as much? E.G. Instead of 4 cups of flour, we need 8.

I can solve practical problems that involve sharing.

Sharing picnic food out. E.G. 12 cheese rolls onto 3 plates. Is it fair?

Putting the same amount of objects into pots. E.g. 20 objects, 5 pots. Can you check to make sure each pot has the same amount?



Scan this QR code with your smartphone to find useful links to fun Maths games online!

I can say the number that is one more and one less than a given number up to 20.

Counting a number of sweets, eating one and saying one less.
Counting objects, what if I had one more?
Recognising numerals, which number comes before? Which number comes after?



Islands—More or Fewer?/Rollercoaster—More or Less?/Rollercoaster—Ordering

I can add and subtract two single-digit numbers.

I can add two single-digit numbers and count on to find the answer.

I can subtract two single-digit numbers and count back to find the answer.

Adding different types of materials or toys together.
Board Games: Roll two dice and add the score together.
Choosing two numerals 1-9 and adding together using objects.

Counting on:

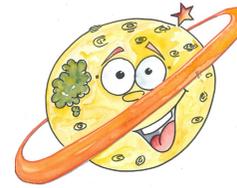
Count two groups of objects and put the numeral by them.
Put the biggest number in your head, and count on the rest.
E.G. $5+3$. Put 5 in your head, 5, 6, 7, 8!

Counting back:

E.G. $6-2$.. Show me two fingers. Put six in your head, and count back using your two fingers. 6, 5, 4.



Number jump/Playground/Miner Birds/Hungry Chicks



The green gas cloud

I can count reliably with numbers from 1—20.

Counting cars, sticks, tins of beans, puddles etc.
Board games (counting numbers of spaces e.g. Snakes & Ladders)
Pairing activities—Pictures of objects & numerals to match.



Islands – How many?/Islands—Total Numbers
Feed the Monkey/Action Time/Tree House

I can recognise & order numerals 1-20.

Pairing activities—Pictures of objects & numerals to match.
Flashcards once a day for 30 seconds.
Ordering numbers on pieces of paper.
Spotting teen numbers on doors/registration plates.



Balloon Tree/Feed the Monkey/Rollercoaster-Ordering

Handy Tip! If you are working towards on the Green level, use the Age 5 set-up on Busy Things.

