



Olive School

Mental Maths



Mental and Oral starters are key facts and objectives that children can rehearse revise and recall using their own mathematical ability.

At the Olive school each year group has a set of key objectives which children strive to achieve by the end of the year.

The oral and mental 'starter' to is a short activity taught as the starter to the maths lesson. It enables children to rehearse number facts which are usually part of an ongoing consolidation activity over a week or within a unit of work.

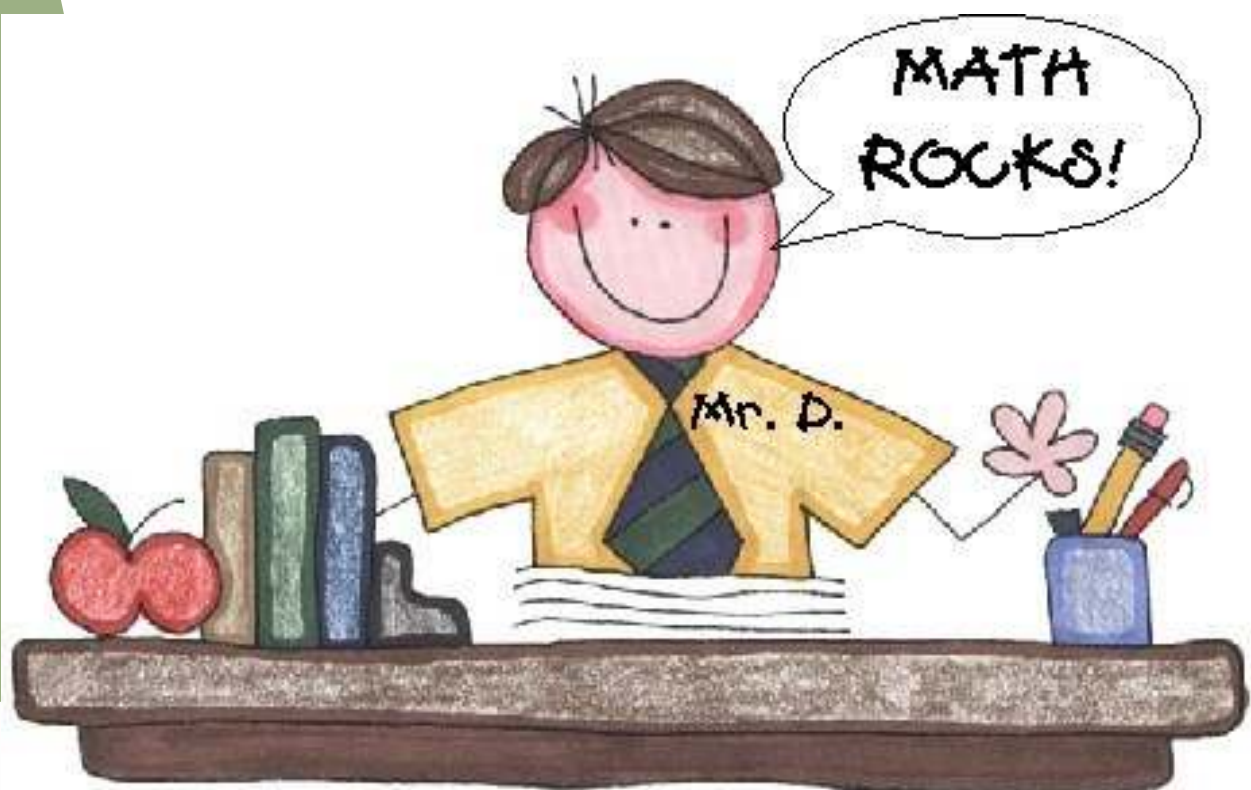
Oral mental maths activities enables children to:

Rehearse	Recall	Refresh
Refine	Read	Reason



Effective oral and mental work is important because:

- It is the basis of good interactive teaching.
- It engages and motivates pupils.
- It models and practices the speaking, listening, discussion and thinking skills which pupils need to develop.
- It ensures children learn vital mathematical skills that enable them to develop their mathematical understanding further.



At the Olive school we ensure that the children are taught a mental and oral starter every day as part of their maths lessons. This involves all children accessing activities that are differentiated and enable them to achieve the objective.

Snappy Maths - This is taught every morning for 10 minutes as the children enter school and wait for registration. This involves oral chanting and differentiated tasks for each group.

Children also have targets which are given to them based on the Oral Mental Objectives.

However we in the EYFS use every opportunity to rehearse and apply these objectives, such as when children are lining up or accessing the outdoor provision.



How can you help?

- Sing a range of counting songs with your child.
- Start counting from different points within 10 e. g start at 4 or 8 and count how many numbers to 10.
- Give your children number cards to 10 and ask them to order them.
- Say the number names using active maths strategies e. g imagine to bat each other the numbers or ski down a slope counting to ten!
- Say the numbers in the wrong order to the children and ask them to spot the error.

How can you help?

- Sing a range of counting songs with your child.
- Start counting from different points within 10 e. g start at 4 or 8 and count how many numbers to 10.
- Ask children to say one more to a number within 10.
- Ask children to count out different objects within the home to 10.
- Ask children to show four fingers and then count on to 10.

How can you help?

- Ask children to count backwards from 10.
- Use number cards. Children to order backwards from 10.
- Show cards going backwards from 10. Ask children to spot the missing numbers.
- Roll a die and count back from the number.
- Sing 1 less than song. 1 less than 10 is...1 less than 9 is.... etc.
(Use fingers)
- Chant in 10s. Flash fingers.
- Throw a pretend ball to each other, start with 10 child says 20 and so on.
- Show children a 100 square and children colour numbers in as they count in 10s.
- Show number cards going up in 10s. Take out a card, ask children which number is missing.

- Look at numbers from 0-20. Children to point to 0. miss a number and land on 2...land on 4 miss a number land on 6 etc.
 - Chant counting in 2s to 20.
 - Add 2 each time to a number. $2+2$ makes 4. $4+2$ makes 6.
 - Write their numbers counting in 2s.
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- Children to order numbers from 1-10 in order.
 - Give children a random number e.g. 5 they carry on writing their numbers to 10.
 - Children fill in the missing numbers from 1-10.
 - Recite the numbers in the wrong order, ask them to spot the error.
 - Write the numbers forming them accurately from 1-10.



- Practice the language of more and less. Looking at objects and saying which has more or less.
 - 1 more than song- 1 more than 1 is 2...
 - Play ping pong with numbers. When I say ping, you say pong, if I say 3 you say 4 (one more) can also be used with one less than
 - Practical activities- put 7 sweets in the bag, put one more in. How many are in the bag? I want 1 less. How many have I got?
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- Sing the number bond song
 - ICT games- topmarks, bbc, ict games websites.
 - Use your fingers. I have 3 how many do I have to add to get to 5?
 - Pick a number from a bag, how many will we need to get to 5?



- We use the word takeaway.
 - ICT games
 - Using fingers- we make our fingers sit down
 - Using objects. I have 5 fruit in the bowl, I eat 2 how many left?
 - Matching cards.
 - Number lines- start at a number, roll the dice and subtract from 5.
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- Practice the language of doubles.
 - Sing the double song
 - Practice with objects
 - Role a dice, double and get that many objects.

