

FAIRE DES MATHÉMATIQUES DANS LA LANGUE VIVANTE ÉTRANGÈRE

- Routines:**

- Counting Pupils.

(Boys/Girls/Canteen...)

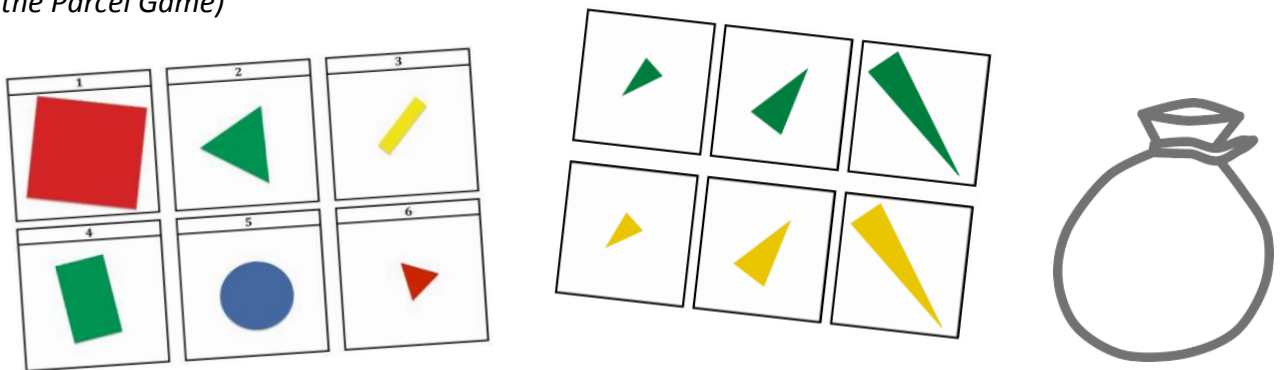
- What's the day/date, today?

- Weather Forecast/Report.

(Temperatures in France and EU Countries/different units of measure/measurement of temperature)

- 2D and 3D Shapes Game.

(Pass the Parcel Game)



PE : lance la comptine, puis pose la question à l'élève qui a le sac en fin de comptine : What do you see? / Elève : I see...(a red triangle) / PE : show us...(the red triangle) / we check (thumbs up/down) + What's this shape?/What shape is this? It's a... (triangle) / What colour is this? It's... (red)

Variantes :

- ✓ PE : What do you have? / Elève : I have...(a red triangle)
- ✓ PE : What colour is this? / What shape is this?
- ✓ PE : How many shapes do you have?
- ✓ PE : What do you have? / Elève : I have...(6 red triangleS) / he has-she has...(on énumère) and I have...
- ✓ Les élèves peuvent progressivement conduire le jeu !

- Counting in English Speaking Countries:** compter à l'anglo-saxonne...

Numbers	0	1
2	3	4
5	6	7
8	9	10

Mental Calculation:



First name _____
 Last name _____
 Class _____ CM2

Mental Calculation Booklet

year 2016 - 2017

Growing Mental Math Skills

During this year, you will practice mental calculation regularly through quick exercises and games. You will improve your calculation skills without writing the basic arithmetic operations (addition, multiplication, subtraction and division) nor using the calculator. In the end you will be better at solving math problems!



WORK SESSION 1 : Quicker than the calculator !

5x12	7x8
13x4	9x8
11x9	6x4

WORK SESSION 2 : Divide and multiply by 10, 100 or 1000

57x10	1 645 000 ÷ 100
310÷10	150 x 100
2 400÷10	5 321 000 ÷ 1000

WORK SESSION 3 : Add or subtract (whole and decimal numbers)

38 + 214	4,5 + 3,2
1 545 + 215	140 - 12
0,4 + 0,3	236 + 2,4

ready to be a math genius?

TERM 5

We ♥
Maths

Numeracy Games with Dice and Cards:

NUMERACY GAMES WITH DICE AND CARDS
 A South African Numeracy Chair initiative

SA
NUMERACY
CHAIR

GAMES IN THE CLASSROOM

Benefits

There are numerous benefits to learning through games. These include:

- Creating **meaningful situations** for the application of mathematical skills
- **Motivation** – most children enjoy playing games
- **Positive attitude** - Games provide opportunities for developing positive attitudes towards mathematics by reducing the fear of failure and error
- **Increased learning** - in comparison to more formal activities, greater learning can occur through games as a result of the increased interaction between children and provide opportunities to test intuitive ideas and problem solving strategies
- **Different levels** - Games can allow children to operate at different levels of thinking and to learn from each other. In a group of children playing a game, one child might be encountering a concept for the first time, another may be developing his/her understanding of the concept, a third consolidating previously learned concepts
- **On-going assessment** - children's thinking often becomes apparent through the actions and decisions they make during a game, so the teacher has the opportunity to carry out diagnosis and assessment of learning in a non-threatening situation
- **Home and school** - Games provide 'hands-on' interactive tasks for both school and home
- **Independence** - Children can work independently of the teacher. The rules of the game and the children's motivation usually keep them on task.

HOW MANY TO 20

- Throw two dice
- Add the numbers together
- Say how many more you need to make 20

e.g. + answer 15

VARIATIONS:

You can use more dice and say how many to add to 25; 30; 50 or 100

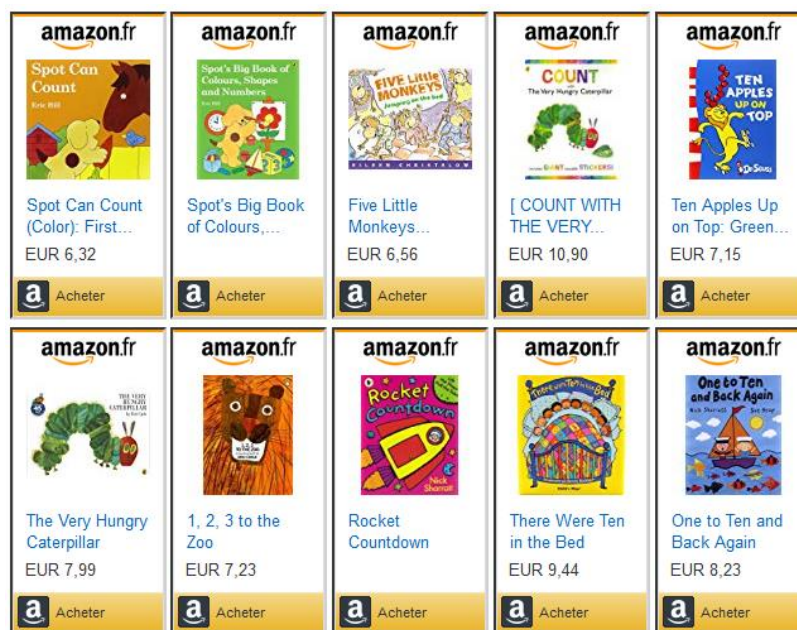


- **Playground Games:** *What's the time, Mr Wolf / Hot Potato / Fishes and Fishermen...*
 - *Hot Potato:* <https://www.youtube.com/watch?v=LdEGlzBq9zw>
 - *What's the time, Mr Wolf?:* https://www.youtube.com/watch?v=E4bvulIFO_Y



One Potato - Choosing Rhyme (1 to 7): <https://www.youtube.com/watch?v=EJ-9Aet5Gyk>

- **Children's Books:**



Autour de l'album 'One To Ten and Back Again' (cycles 1 et 2) :

- Lecture de l'album 'One To Ten and Back Again Song' :

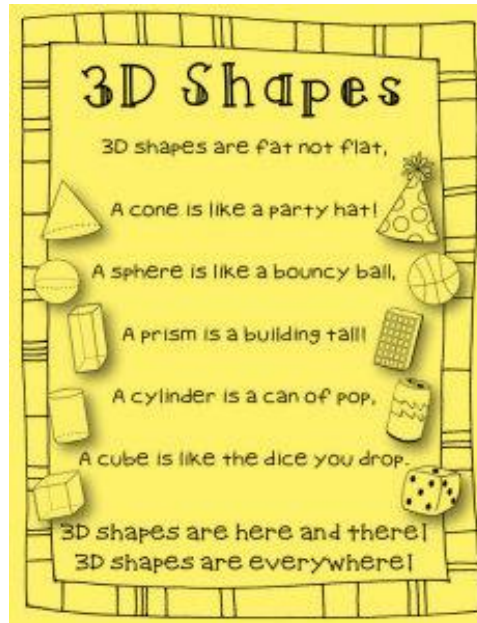
<https://www.youtube.com/watch?v=netea8c9zHM>

- Chanson (One To Ten and Back Again Song) :

<https://www.youtube.com/watch?v=WRq8G3XeW2Q>



- Poème en anglais : (sur les volumes)



- **Songs in English:** *autour des nombres, des formes géométriques etc...*

Exemples :

- Seven Steps (Super Simple Songs) - cycles 1 et 2 : https://www.youtube.com/watch?v=kz_EQSfF0g (de 1 à 7 et de 7 à 1)
- Number Words Rap - cycle 3 : <https://www.youtube.com/watch?v=SzfFzJGwwZQ> (épeler et orthographier les nombres de 1 à 10)
- 3D Shapes Song (The Singing Walrus) - cycle 3 : <https://www.youtube.com/watch?v=guNdJ5MtX1A> (nom des volumes 3D simples à l'oral et à l'écrit + 'it looks like...')
- The Polygon Song - cycle 3 : https://www.youtube.com/watch?v=TbR_rakilds&feature=youtu.be (nom des polygones à l'oral et à l'écrit + vocabulaire des formes 2D)

- **Online Games:**

Exemple :

<http://www.bbc.co.uk/bitesize/firstlevel/mathematics/>

- **Affichages de classe** (monolingues/plurilingues...)
Lexique mathématiques (bilingue/plurilingue)
Sous-mains

