

CHESS GAMES



FOSSACESIA MIDDLE SCHOOL

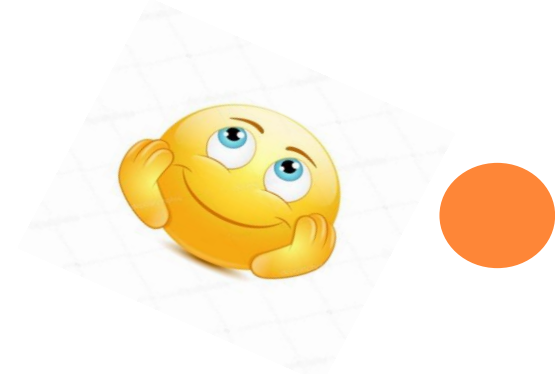
WHAT DO YOU NEED?

- A chess board and pieces

WHAT IS THE AIM OF THE GAME?



The aim of the game is to use your army to capture the enemy king.



WHICH ARE THE ARMIES?

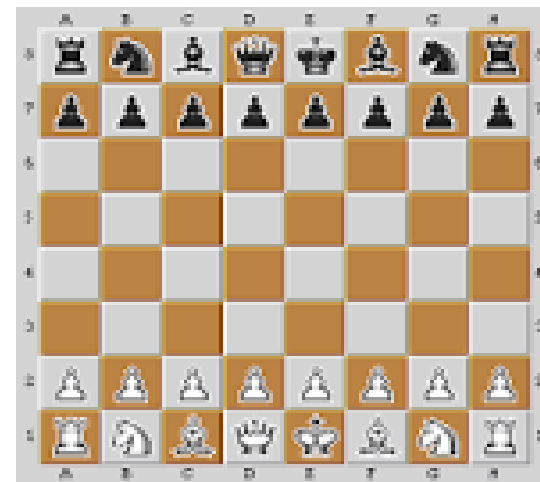
There is a White army and a Black army.
Both armies have the same pieces

Symbol					
Piece	pawn	knight	bishop	rook	queen
Value	1	3	3	5	9



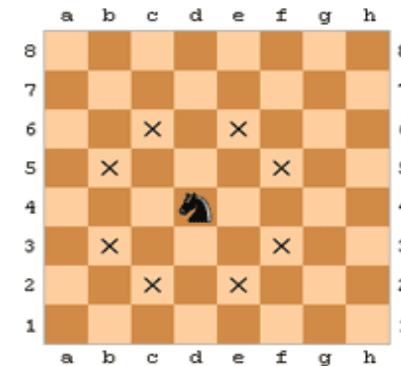
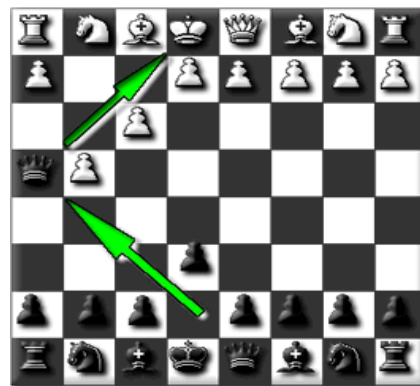
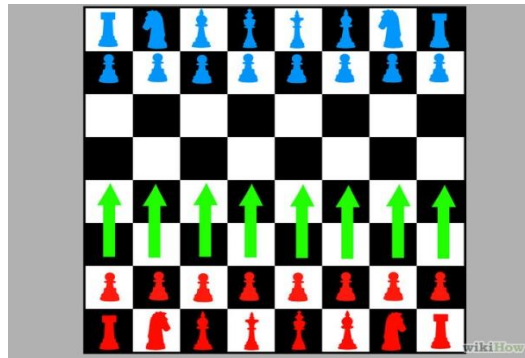
HOW DO YOU PLAY CHESS?

- You need two players. Decide who will be White and who will be Black.
- Set up the board so you have a white square on the corner of the board by your right hand. Then place the armies on the board as shown in the picture below.



White and Black take it in turns to move a piece. Remember each piece has its own way of moving. A piece can capture an opposing piece by landing on that piece's square.

HOW TO MOVE THE PIECES?

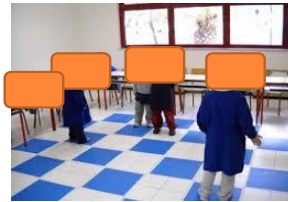


AND NOW...

LET'S START PLAYING!

- After the explanation by the teacher about the rules, the class is divided into 5 teams
- Each team is formed by 2 players
- Each team has a “nickname”: Puppy; Funny; Ball; Rommy; Sunny.
- At the end of the game each team will be asked to fill in an evaluation form





A BLACKBOARD FOR THE SCORE...



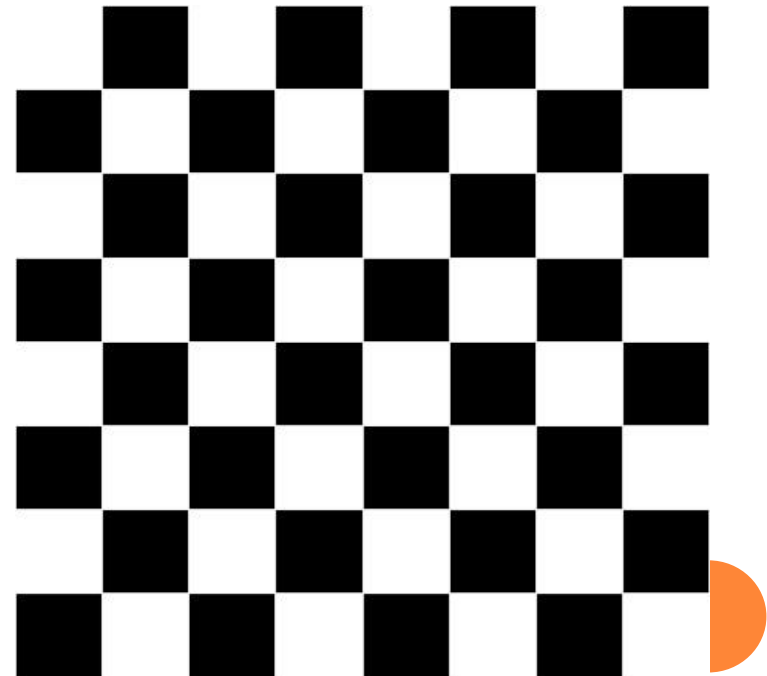
Team	Score
Puppy	
Funny	
Rommy	
Sunny	
Ball	

EVALUATION:

- Did you like playing chess games?
.....
.....
- What do you need to play?
.....
.....
- Which is the aim?
.....
.....
- Which are the armies?
.....
.....
- Write the value of each symbol.
.....
.....
.....
.....



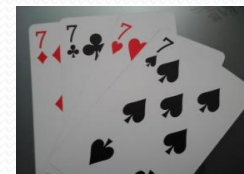
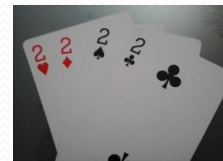
- How do you play?
.....
.....
- Draw as you can move pieces in a chess board



Gioco del π o 314

MATERIAL

- 52 cards
- 1 Hourglass or a timer
- Notebook, pencil, eraser
- Calculator



PURPOSE
OF THE GAME:

Use cards to create
a MATHEMATICAL
EXPRESSION

with **314** as a result.



HOW DO YOU PLAY?

- 1. You can play as a single player, but it's more fun playing with a group of players (minimum three for each group)
- 2. We will then use the word "PLAYER" referring both to:
 - a single player
 - or a GROUP of players




First give each
“PLAYER”
5 CARDS face up

Then in 5 minutes
they have to write
an EXPRESSION
whose RESULT is 314
or a number
close to 314
but NOT MORE

When the time runs
out, the players call
out their own results.
The “PLAYER” who
gets the best result
WINS

If no player has
achieved as a
RESULT 314,
the game
can go on.

























































To restart the game
give each player
THREE more cards
from the deck .
They have to use at
least **TWO** cards !!

























It's possible to stop
the time once and
give EACH PLAYER
the opportunity to
CHANGE
some cards choosing
from the deck.





Gioco del π o 314

CARDS USED TO PLAY

1	2	3	4	5	6	7	8	9	10	J	Q	K
ACE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT	NINE	TEN	JACK	QUEEN	KING
												
												
												
												

Gioco del π o 314


CARTA	VALORE
ACE    	1
TWO    	2
THREE    	3
FOUR    	4
FIVE    	5
SIX    	6

CARTA	VALORE
SEVEN    	7
EIGHT    	8
NINE    	9
TEN    	10
JACK    	11
QUEEN    	12
KING    	13

Gioco del π o 314

CARDS	ALTERNATIVE VALUE
ASSO DI PICCHE 	25
ASSO DI FIORI 	50
ASSO DI QUADRI 	75
ASSO di CUORI 	100

Gioco del π o 314

OTHER RULES		
<p>QUALSIASI CARTA ROSSA disposta in <u>ORIZZONTALE</u></p>	<p>ANY RED CARD PUT HORIZONTALLY</p>	<p>ADDIZIONE + <i><u>ADDITION</u></i></p>
<p>QUALSIASI CARTA NERA disposta in <u>ORIZZONTALE</u></p>	<p>ANY BLACK CARD PUT HORIZONTALLY</p>	<p>SOTTRAZIONE - <i><u>SUBTRACTION</u></i> Oppure DIVISIONE : <i><u>DIVISION</u></i></p>
<p>CARTE AFFIANCATE Le tre carte così disposte si moltiplicano</p>	<p>JOINED CARDS</p> 	<p>MOLTIPLICAZIONE X <i><u>MULTIPLICATION</u></i></p> <p>$5 \times 4 \times 7 = 140$</p>

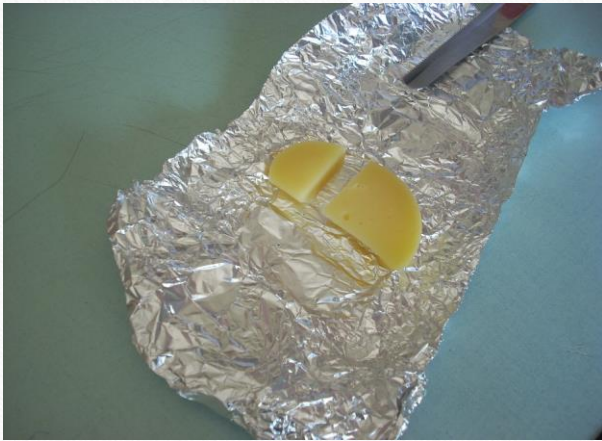


Playing with Maths



Santa Maria
Imbaro
Primary School

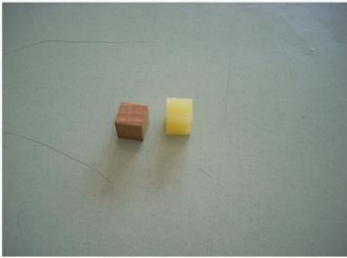
How do explain decimal numbers to kids?



We have used the cheese

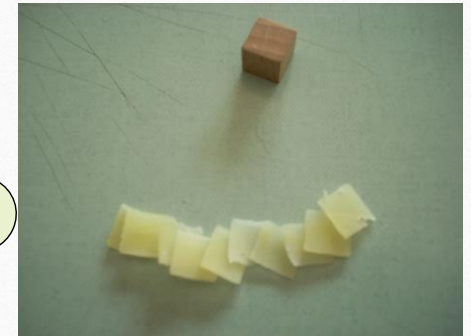
Steps

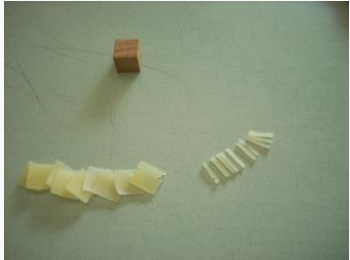
1. Teacher cut the cheese like a little piece of one unit





2. Teacher cut the unit of the cheese in ten parts

to explain that one tenth is a tenth part of the unit


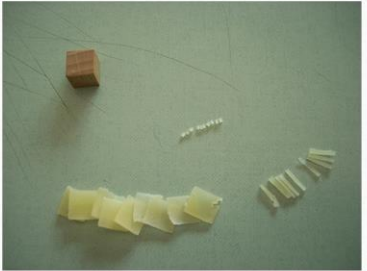




3. Teacher cut again one tenth of the unit in ten parts so one part is divided in hundredth parts of the unit



4. Teacher cut now the hundredth part in ten parts so she had one thousandth



It's your turn to
play

