

ENJOYABLE MATHS

Základní škola Česká Ves, okres Jeseník, the Czech Republic

Grunnskolin í Borgarnesi, Borgarnes, Iceland

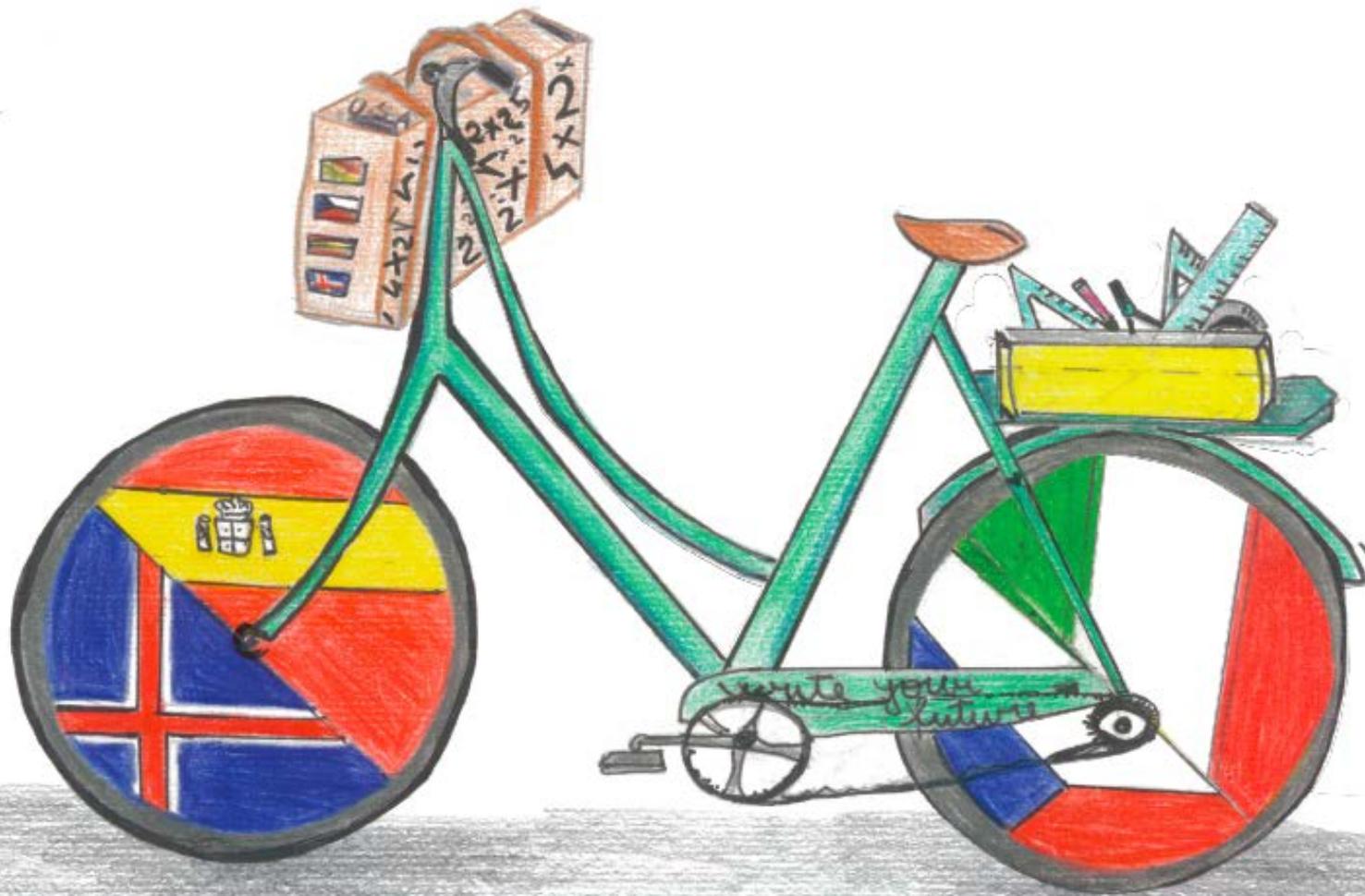
I.C. Cassarà-Guida, Partinico, Italy

IES Pintor José María Fernández, Antequera, Spain



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Enjoyable Maths

MATHS

1. MATHS GAMES
2. MATHS MANIPULATIVES
3. MATHS AROUND US
4. INTERESTING COUNTING
5. WORD PROBLEMS

1. OUR FAVOURITE MATHS GAMES

MATHABLE DOMINO

IQ TWIST

MATHS "SORRY"

UNO

LOGIC

TIC-TAC-TOE

DOMINO

FOLLOW THE CODE

CODE BUILDER

2. MATHS MANIPULATIVES WE USE

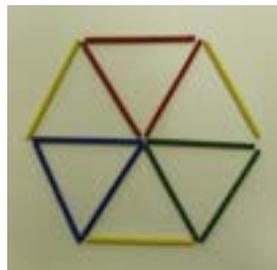
[GEOGEBRA](#)

[ONLINE GEOBOARD](#)

GEOBOARD - ANGLES, TRIANGLES, AREA, PERIMETER



WOODEN OR PLASTIC STICKS - BASIC SHAPES IN GEOMETRY



PARQUETS - LOGICAL THINKING



FOAM FRACTIONS, FRACTION BARS, TRAINS, WOODEN WAGONS



[FRACTION BARS ONLINE](#)

3. MATHS AROUND US

Hello dear friends
we have got a few funny
words and puzzles for you!
We hope you enjoy it!

Can you do all?

- 1) Who is the fastest in eating ice-cream?
- 2) Who can ride the banana peel furthest?
- 3) Who can splash the water from the paddle higher?
- 4) Who can pour the melted amount of water when you catch the tap only once?
- 5) Who can be the fastest to screw up the tarring?

2019/10/10 21:08

2) Who is the best in solving puzzles?

3) Let's make, fill into a hole. The hole is not 1 m during the day and falls 2 m during the night. How many days can it be made climbing up?

4) A ladder 2 floors is 2.5m. We need to put stairs above the stairs to 14 cm high. How many stairs do we need?

5) It's once in every minute and twice in every second, what is it?

6) Three friends are having a picnic. After some time, two of them got one dead jelly bug. How many is it possible?

Sorry for mistakes, we are just people!
By: Aashika, Aditi, Ananya and Arushi



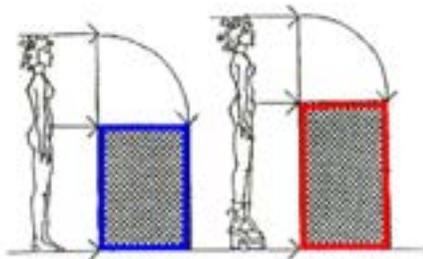


Human proportion versus Divine proportion

Cordovan proportion versus Golden proportion

Cordovan rectangle versus Golden rectangle

1,306562964... versus 1,6180339887...



La Veris humana y la Abocilla de cotumox.



4. INTERESTING COUNTING

The "Big Volley" society wants to buy some t-shirts for the new sports season.

This year the sportsmen have increased $\frac{1}{5}$ compared to the ones who were in the team last year. Not everybody will buy a new t-shirt even if it has got a very cheap price. The President decides to buy a number of t-shirts that is equal to $\frac{2}{5}$ of the sportsmen in the society. The available sizes are : XS, S, M, L ,XL. On the basis of the previous year experience he knows that:

- The number of M size is the same of the other sizes all together;
- The relation between the L size t-shirt and M size t-shirts is 1:4;
- The M size t-shirts are the triple of the S sizes ones;
- XS and XL sizes are the same number;
- The t-shirts can be blue or red but they will buy them in different numbers and the red ones will be the double of the blue ones. Last year the members of the society were 300.

How many t-shirts per size and how many per colour will the President buy?

At the swimming pool



TARIFE	
INGRESSO INTERO FEMALE MATTINO (dall'apertura fino alle 16.30)	€ 5,10
INGRESSO INTERO FEMALE POMERIGGIO (dalle 16.30 a chiusura)	€ 7,00
INGRESSO INTERO WEEKEND (servizi piscina, sala, bar, Docia e Fendinebbia)	€ 7,00
RIDUZIONI	
INGRESSO RIDOTTO RAGAZZI (dall'età fino a 14 anni con cartellino)	€ 4,50
INGRESSO RIDOTTO OVER 65 (senza limite di giorni e ore)	€ 4,50
ABBONAMENTI	
N° 10 INGRESSI INTERO MATTINO (dall'apertura fino alle 16.30) valida 3 mesi	€ 42,00
N° 10 INGRESSI INTERO POMERIGGIO (dalle 16.30 a chiusura) valida 3 mesi	€ 58,00

ATTENZIONE: Per gli abbonamenti è richiesto il rinnovo il lunedì

Look at this leaflet and the prices and special offers at "Acqua Blu" swimming pool

Read and answer:

1. Your brother Ruggero is 8, he went to the swimming pool one Saturday with your grandma Matilde who is 72. How much do they pay? If they decide to go back to the swimming pool on the two following Saturdays with Ruggero's mum, how much will they spend for the three days in the swimming pool?

Don't forget the cost of the badge that you pay only once for one year.

2. You are 12 and you decide to go to the swimming pool once a week for 5 months. What tickets can you choose?

What is the cheapest for you? How much can you save if you choose the cheapest ticket? Pay attention: one month is 4 weeks.

3. Look at this table. What best solutions can you suggest to your friends and relatives?

PEOPLE	AGE	FAVOURITE CHOICES	
		period	Time and days
Your friend Camillo	11	Once a week for three months	Doesn't matter
Your cousin Victoria	29	Twice a week for one month	morning
Her husband Julio	34	Twice a week for two months	afternoon
Grandad Giuseppe	68	Once a week for ten months	weekend

Indian multiplication

$$32 \cdot 5 = 160$$

	3	2	
	1	1	5
	5	0	
1	6	0	

$$17 \cdot 8 = 136$$

	1	7	
	0	5	8
	8	6	
1	3	6	

$$524 \cdot 37 = 19388$$

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

Japanese multiplication

5. WORD PROBLEMS

Word problems padlet

- 1) Mattia wants to invite some friends to his house to celebrate their birthday. He would like them to taste a non-alcoholic cocktail of his own invention that is made up of $\frac{3}{5}$ of orange juice, $\frac{3}{4}$ of the rest from lemon juice and the rest from grenadine.
 - a) For the party Mattia wants to prepare 5 liters of the same cocktail. What is the quantity of the three juices of which has?
 - b) Matteo, unfortunately, has only 3 liters of orange juice at home, 1 liter of lemon juice and 300 cl of grenadine. What is the maximum amount of cocktails you can prepare?

2) Mr. Mario wants to change the camper. Choosing a camper van for the price of 44 300 euro, his old camper is valued 12 500 euros.

If you pay a deposit of € 15,000 and the rest in monthly installments of € 280 each, how many installments will you have to pay?

3) Three boats leave simultaneously for fishing. The first returns to the port every 15 days, the second every 20 days and the third every 30 days. How many days will they be together again?

4) Sella and Sofia compare the prices of some items of clothing during the hot period. The sweatshirt chosen by Stella costs € 140 and is discounted by 25%. Sofia sees that the same sweatshirt in another store has a starting price of € 160, but it is discounted by 35%.

a) Sofia says the second offer is cheaper. Stella instead says that the first offer is more advantageous. Who's right?

b) What is the price difference between the two discounted sweatshirts?

5) In the canteen the cook prepared 12 vanilla puddings, 18 with creme caramel and 36 with chocolate. I have to compose the trays so that they are all the same.

a) What is the maximum number of trays I can prepare? How are tastes divided into trays?

b) If everyone eats pudding, how many diners are there?

c) Knowing that each tray is enough for a row of tables, how many people. there are in every row?

6) Antonio bought a sailboat and gave an advance of € 700 which corresponds to $\frac{5}{18}$ of his cost.

a) How much does the boat cost?

b) If you pay the balance in 20 installments, what is the amount of each installment?

7) Four friends dine in a trattoria where they choose the fixed menu.

In addition, they order two orange juice for € 2.30 each and three ice cream cups for € 5.20 each. If the bill is € 128.20, what is the price of the fixed menu? How much did each friend spend if the extra part was also divided?

CULTURE

1. OUR TEAMS AND SCHOOLS
2. OUR VILLAGES AND TOWNS
3. OUR COUNTRIES AND FESTIVALS

1. TEAMS AND SCHOOLS

CZECH TEAM

ZÁKLADNÍ ŠKOLA ČESKÁ VES, OKRES JESENÍK

ICELANDIC TEAM AND GRUNNSKOLINN Í BORGARNESI

ITALIAN TEAM

Istituto Comprensivo "Cassara'-Guida"

I.E.S PINTOR MARÍA JOSÉ FERNÁNDEZ

WHAT I AM GOOD AT

WHO I AM ..AND I WOULD LIKE TO BE

2. VILLAGES AND TOWNS

ČESKÁ VES



PARTINICO



ANTEQUERA



BORGARNES



3. COUNTRIES AND TRADITIONS

[TOP 10 ABOUT ITALY](#)

[TOP 10 ABOUT THE CZECH REPUBLIC](#)

[QUIZ ABOUT ICELAND](#)

[FESTIVALS IN ITALY](#)

[CHRISTMAS IN ITALY](#)

[CZECH CHRISTMAS](#)

[CHRISTMAS IN ICELAND](#)

[FESTIVALS IN SPAIN](#)

FACE TO FACE MEETINGS

[PRAGUE OCTOBER 2018](#)

[BORGARNES MAY 2019](#)

[ANTEQUERA OCTOBER 2019](#)

[ČESKÁ VES](#)

[TEAM BUILDING VIDEO](#)

PHOTO GALLERY





































● ○ REDMI NOTE 8T
∞ AI QUAD CAMERA



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