



**Scuola Media Statale “ Matteo Basile “ - Parete  
Distretto Scolastico n° 15 – Aversa**

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***INTRODUCTION***

**1<sup>ST</sup> ILLUSTRATE D LESSON**

HI! EVERYBODY! I'M GRANNY DEXTEN. I REALISED YOU HAVE CONFUSED IDEAS ABOUT ALIMENTARY HABITS. I'M GOING TO PRESENT YOU THE NECESSARY ALIMENTS TO INTRODUCE INTO YOUR ORGANISM. WELL! LET'S BEGIN!





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***MACHINE-MAN***

ALIMENTS GIVES US THE NECESSARY NOURISHMENT  
TO THE MACHINE-MAN





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***NUTRITIVE  
PRINCIPLES***

THE ALIMENTS THAT CONTAIN NUTRITIVE PRINCIPLES  
ARE :

MEAT, FISH, MILK AND CHEESE, EGGS , WATER, PASTA,  
OIL, BREAD.





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***UNDERSTANDING OF THE  
TRANSFORMATION OF  
THE ALIMENTS***

HOW DO THE ALIMENTS, INTRODUCED IN OUR ORGANISM,  
TRANSFORM THEMSELVES INTO PROTEINS, LIPIDS, GLUCIDES  
VITAMINS AND MINERAL SALTS ?

I'M GOING TO EXPLAIN YOU THE STRUCTURE OF THE  
SUBSTANCES.

LET'S BEGIN TO SPEAK ABOUT THE PROTEIN !!!



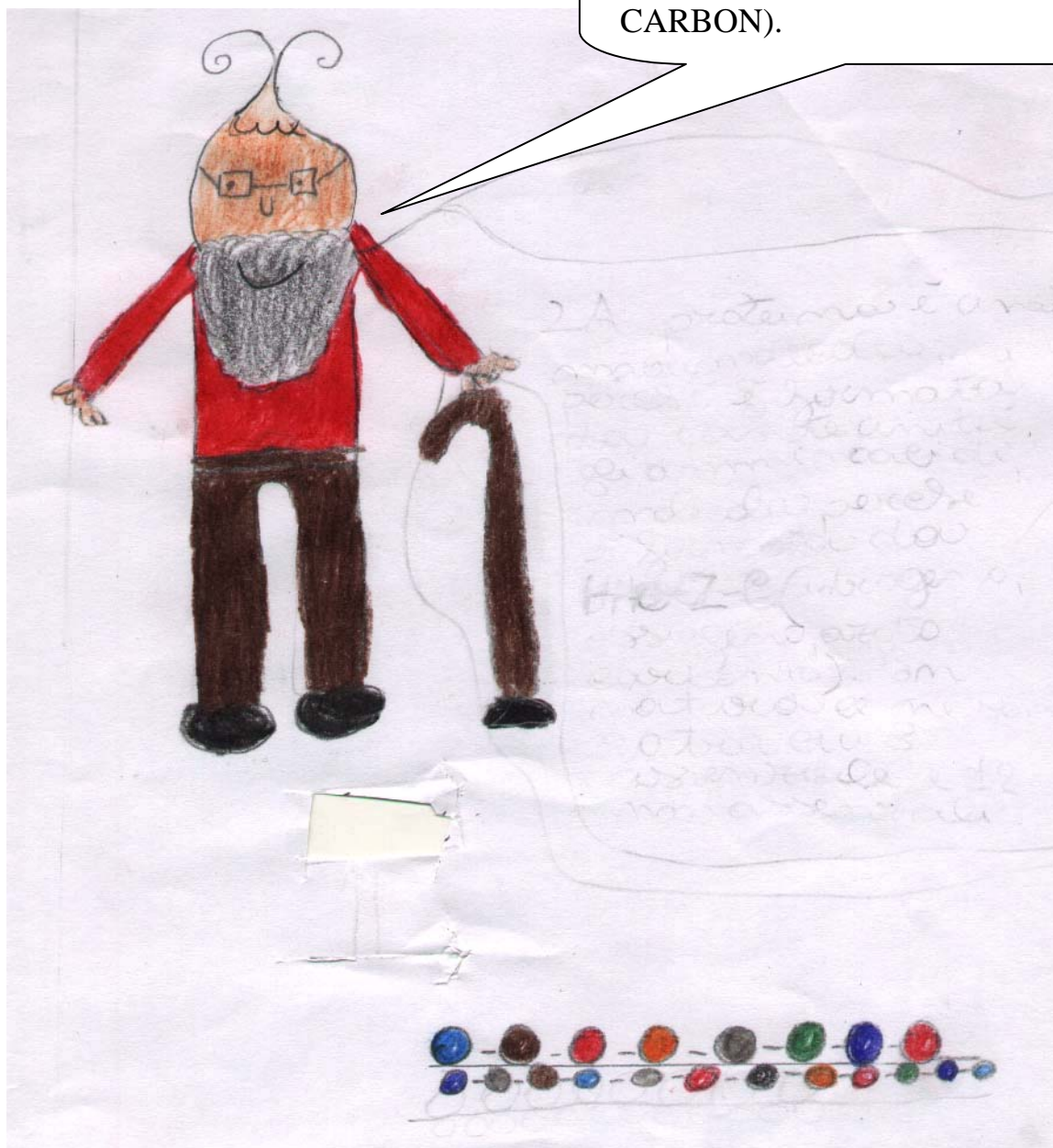


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***THE PROTEIN***

THE PROTEIN IS COMPOSED OF  
**C.H.O.N**  
(HYDROGEN, OXYGEN, NITROGEN,  
CARBON).





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***HIGH VALUE  
BIOLOGICAL ALIMENTS***

2ND ILLUSTRATED  
THE ALIMENTS THAT CONTAIN ESSENTIAL AMINOACIDS ARE:  
MEAT, FISH, EGG, MILK AND CHEESE.  
THEY ARE HIGH VALUE BIOLOGICAL ALIMENTS.

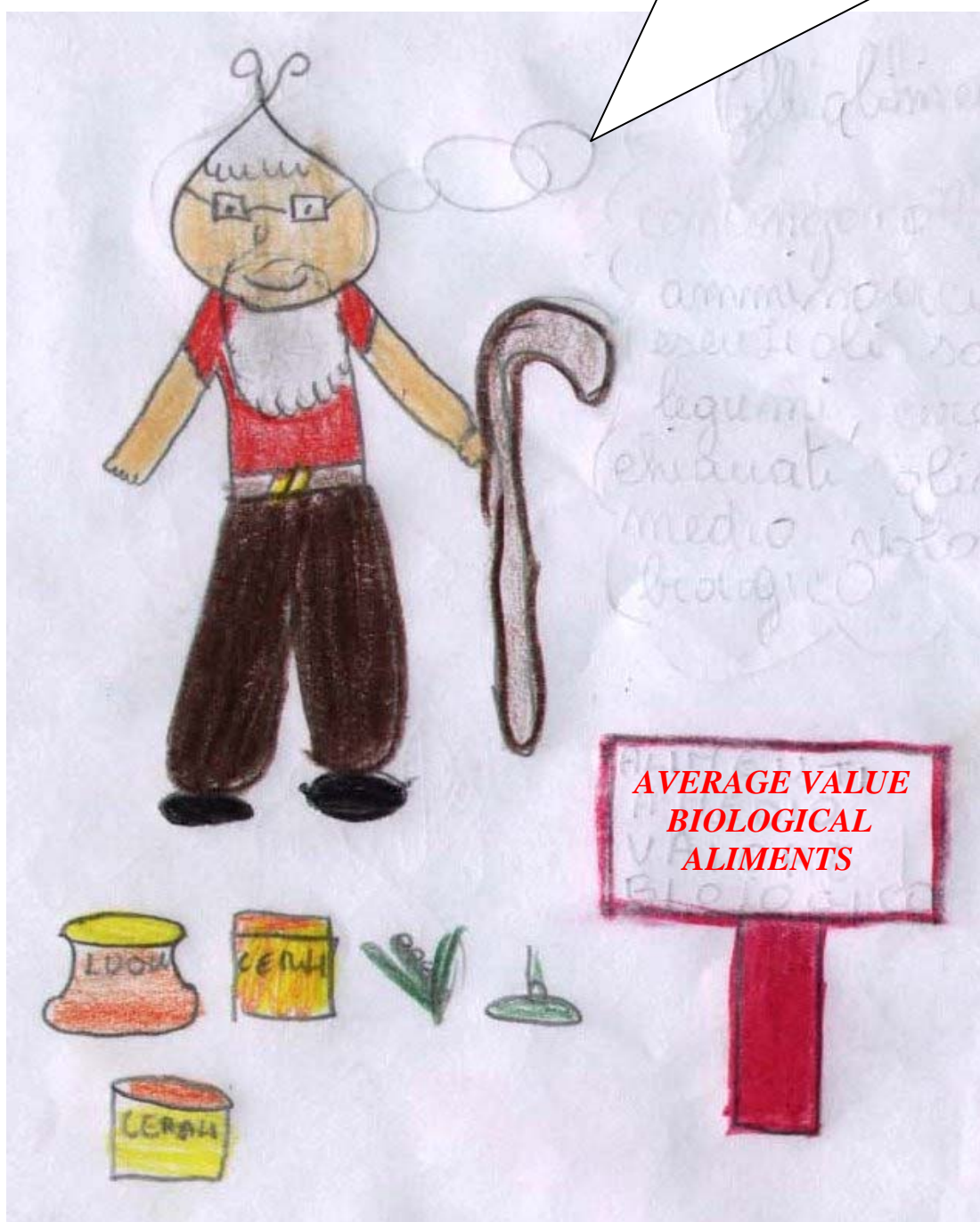




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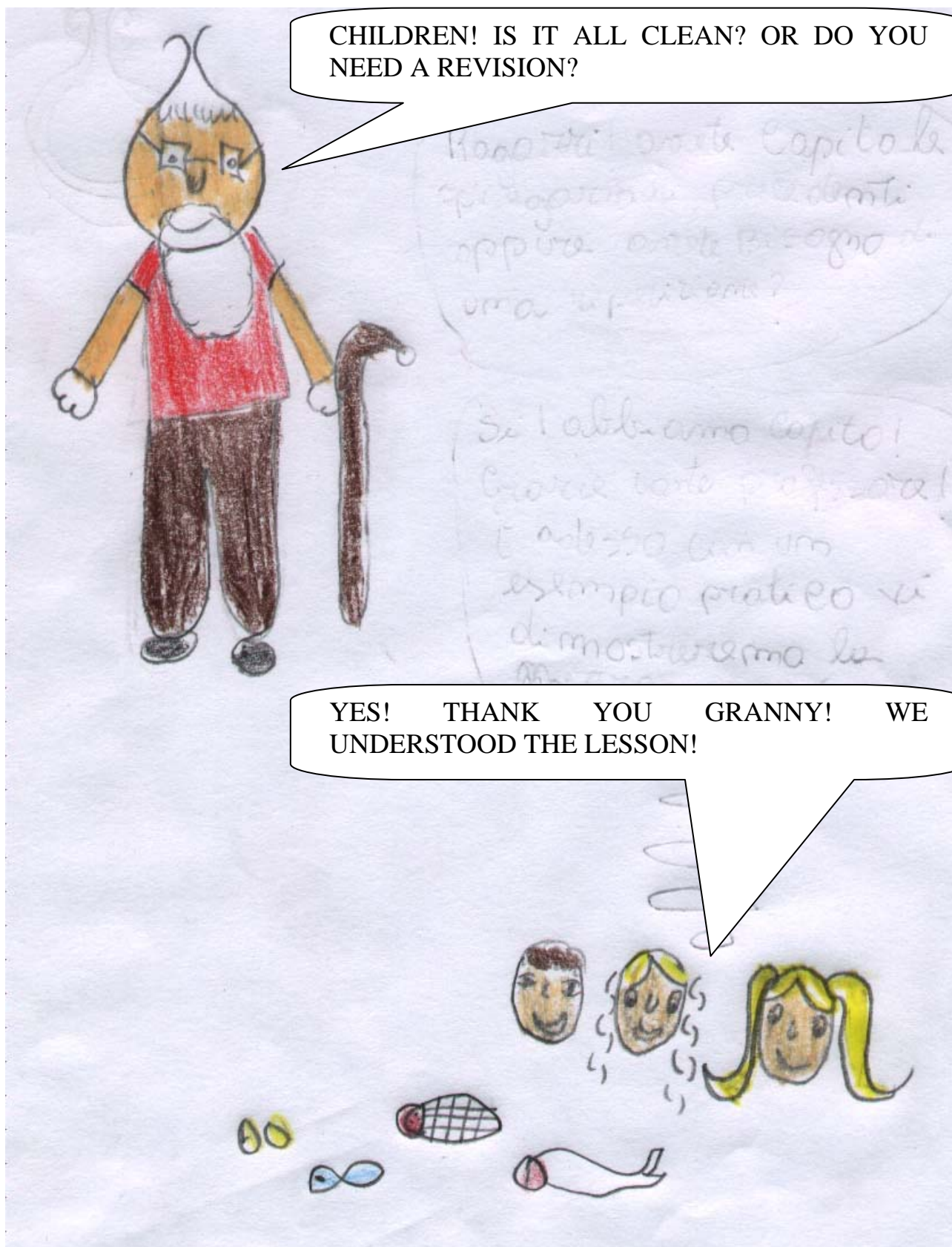
THE ALIMENTS THAT CONTAIN NOT ESSENTIAL AMINOACIDS  
ARE: LEGUMES, CEREALS.  
THEY ARE AVERAGE VALUE BIOLOGICAL ALIMENTS.





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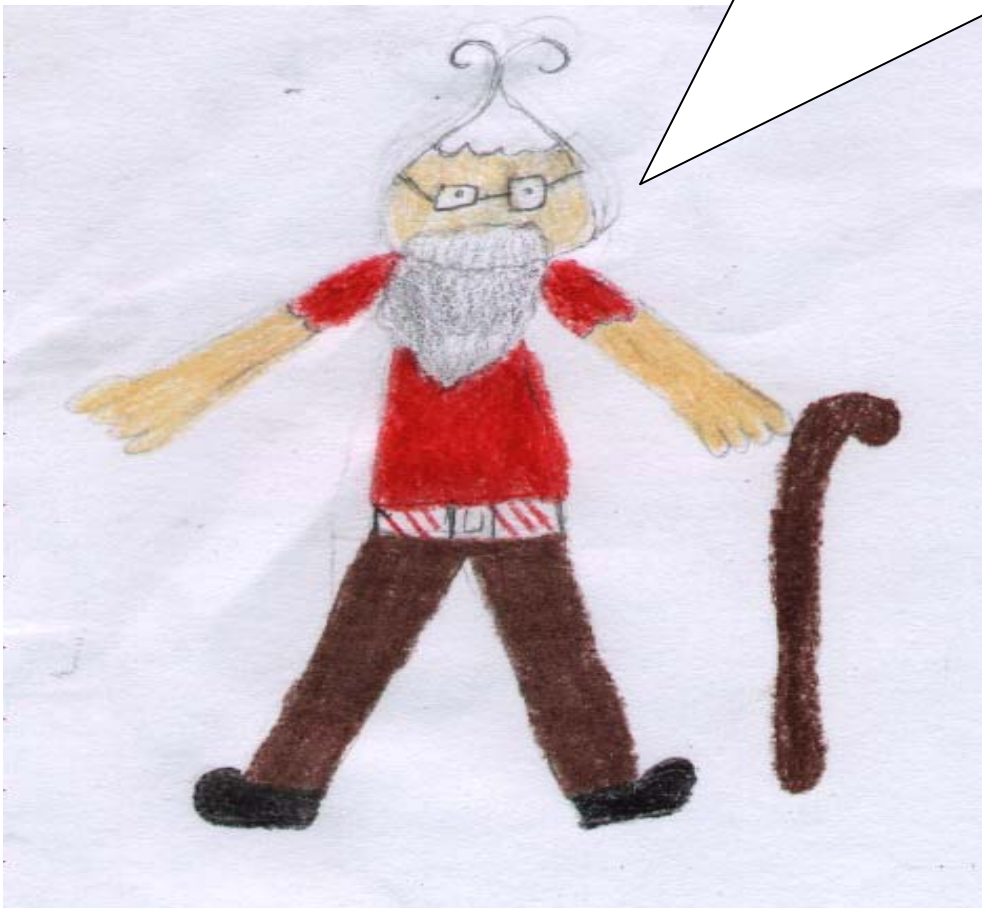
***FUNCTIONS***

**3RD ILLUSTRATED LESSON**

**WELL! WE CAN ANALYSE THE FUNCTIONS OF THE  
PROTEINS. THEY ARE SIX FUNCTIONS.**

- 1- structural function
- 2- enzymatic function
- 3- defence function
- 4- messenger function
- 5- transportation function
- 6- reserve function

**WELL! LET'S BEGIN WITH THE FIRST ONE!**



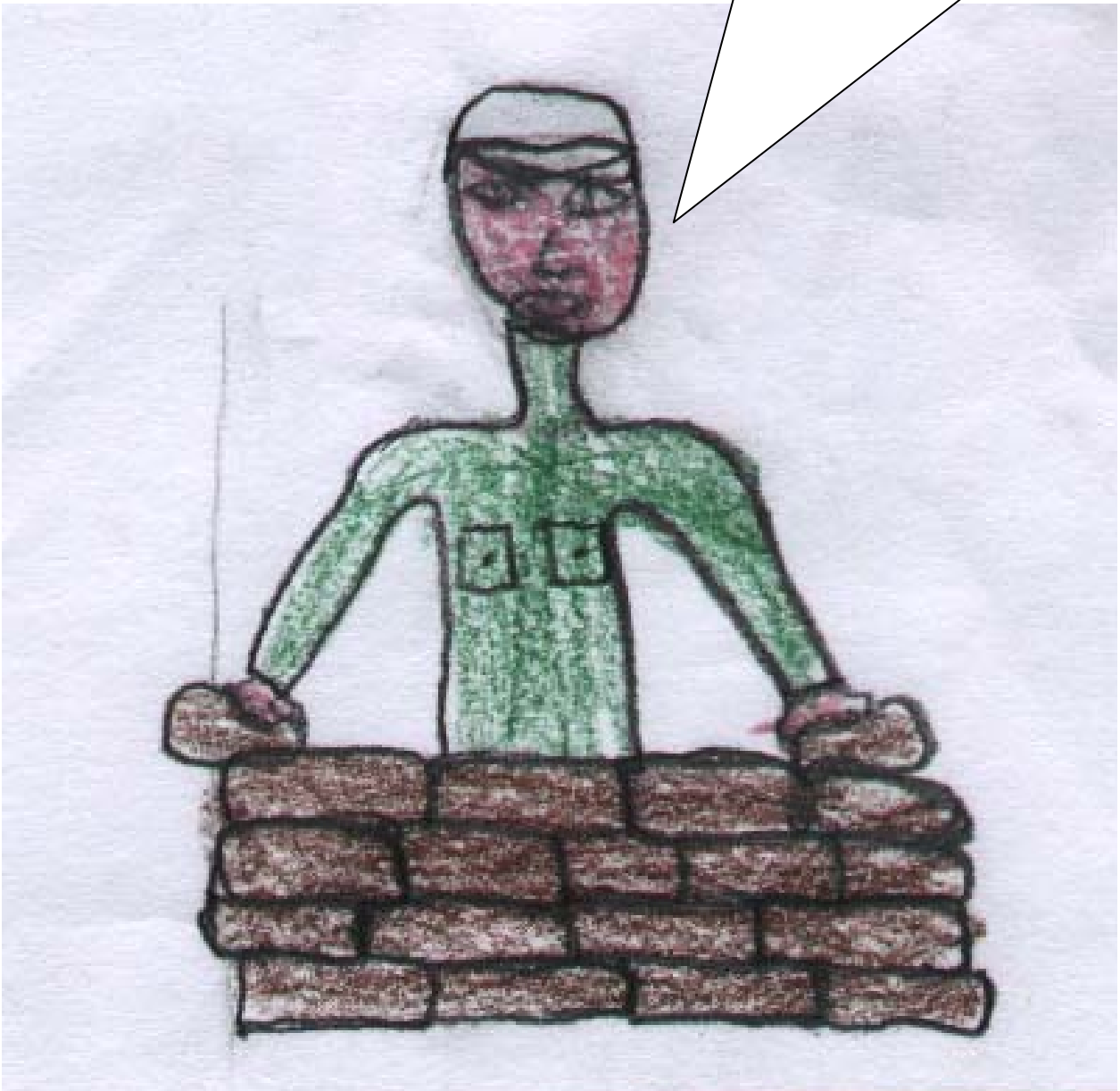


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***STRUCTURAL  
FUNCTIONS***

ALL THE FUNCTIONS ARE USEFUL, BUT  
THIS ONE IS REALLY INDISPENSABLE





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***ENZYMATIC  
FUNCTION***

THE ENZYMES PERMIT OUR ORGANISM TO  
REACT QUICKLY .  
THINK OF A SKATEBOARD RACE .IS IT OK ?





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***DEFENCE  
FUNCTION***

IMAGINE THE SCENE !!



I DEFENSE MYSELF !!!

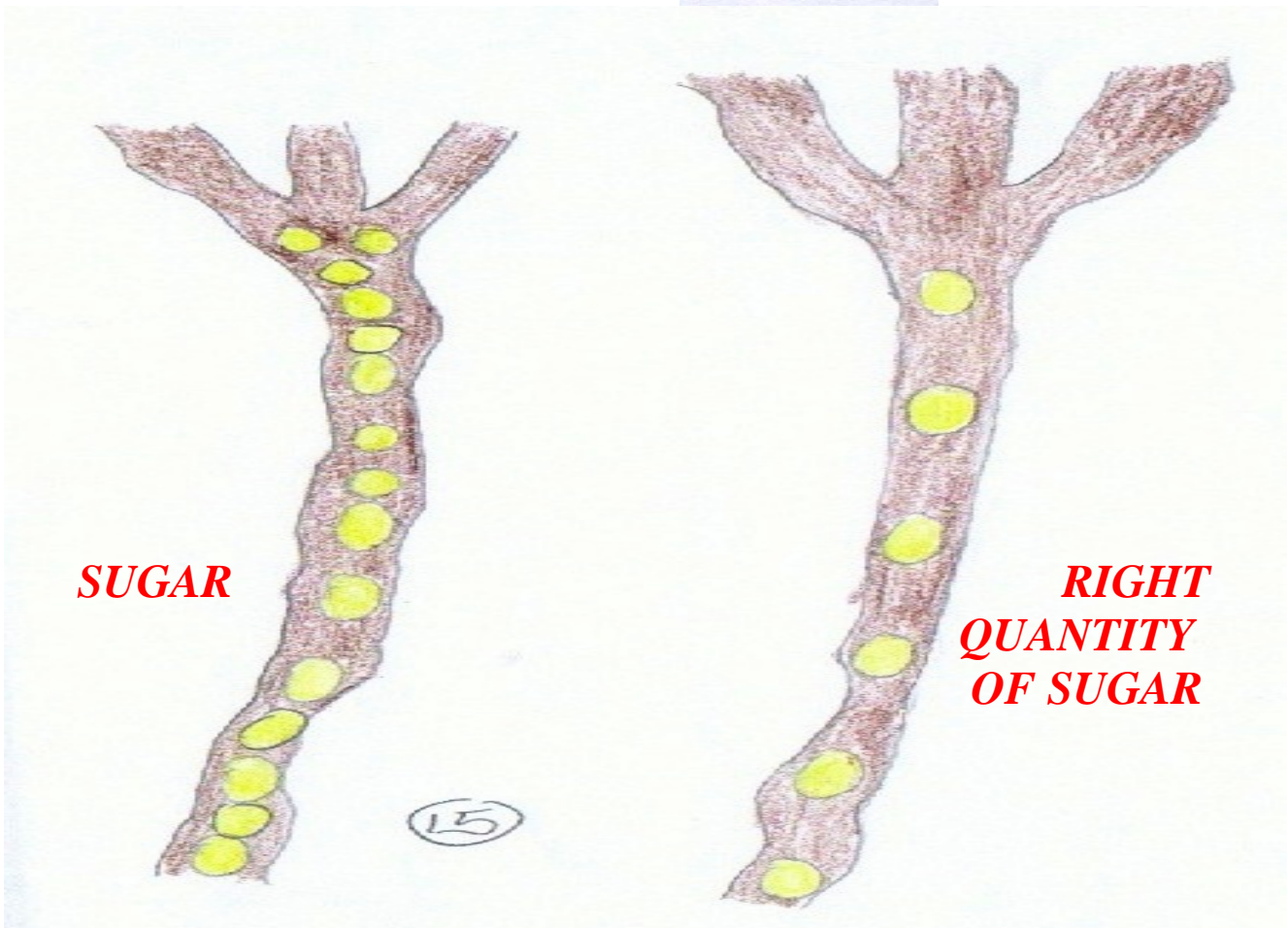


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***MESSENGER  
FUNCTION***

IT 'S LIKE AN S.M.S. THAT BRINGS S.O.S.  
MESSAGES TO OUR ORGANISM.

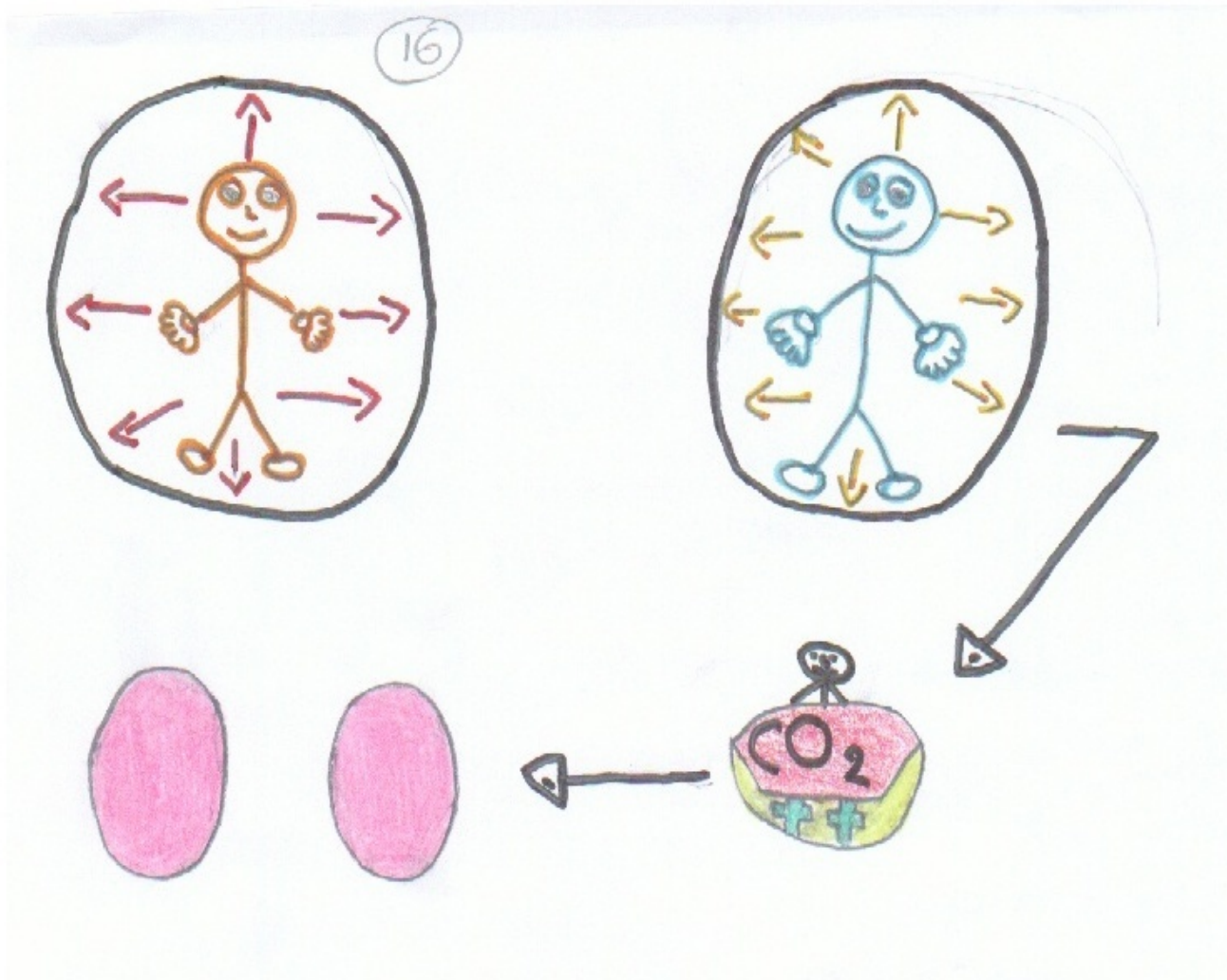




**TRANSPORTATION  
FUNCTION**



IT'S DIFFICULT TO UNDERSTAND!!  
THROUGH AN EXAMPLE YOU'LL  
UNDERSTAND IT!! LOOK AT THE  
PICTURES BELOW!! IS IT CLEARER  
NOW?

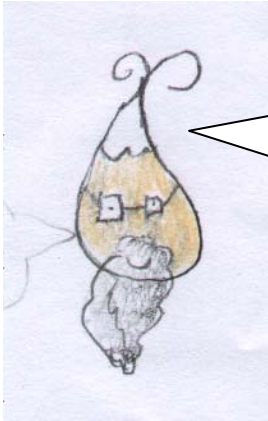




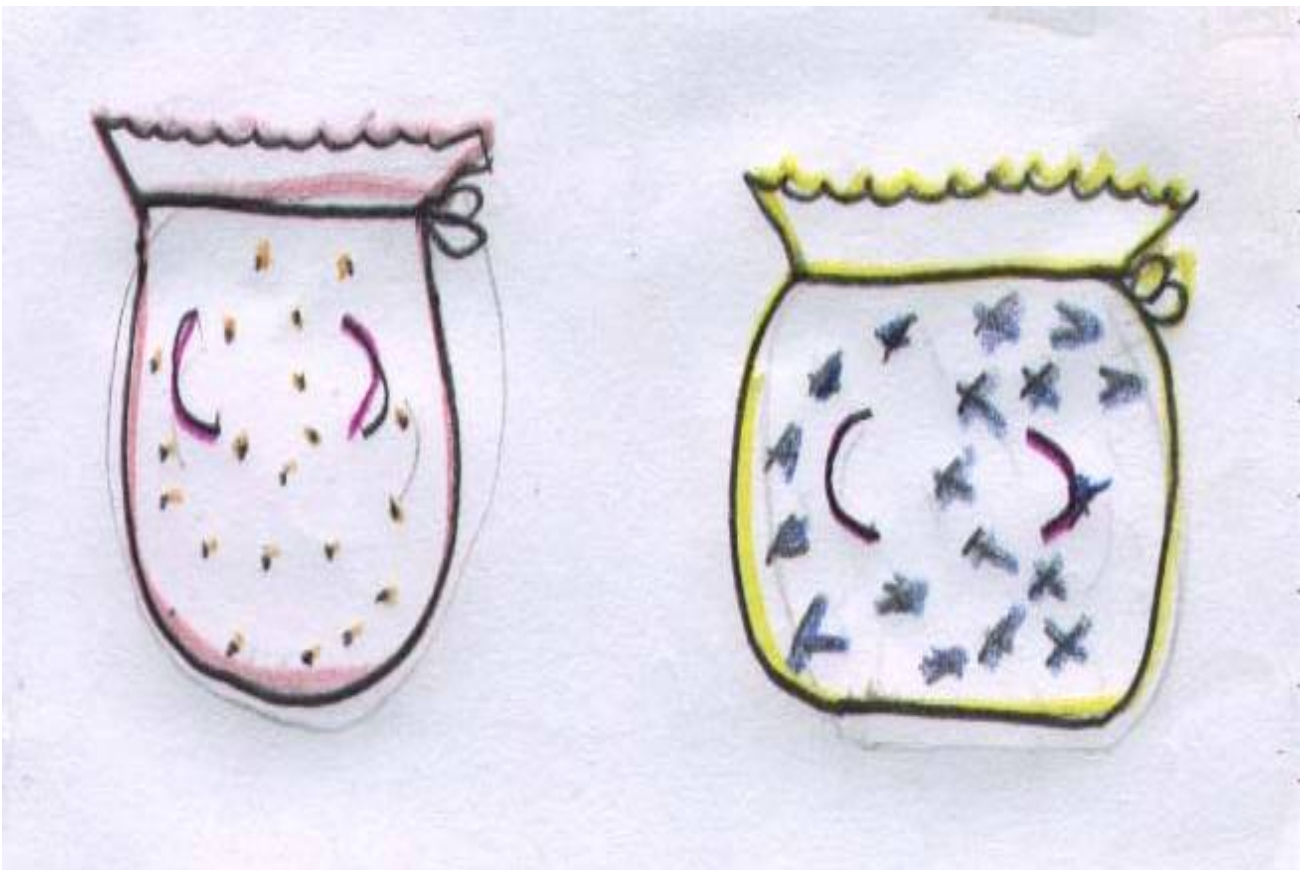
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***RESERVE  
FUNCTION***



**CHILDREN!  
THIS IS THE LAST  
FUNCTION! IT'S VERY  
USEFUL TO OUR ORGANISM.  
IT'S A BIG BOX  
CONTAINING THE  
NECESSARY ELEMENTS TO  
OUR ORGANISM.**





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4TH ILLUSTRATED LESSON  
CHILDREN !WE ARE ALMOST TO THE END! SEE  
YOU NEXT TIME!  
BYE BYE .

