



THE 2022 YOUNG MATHEMATICAL STORY AUTHOR (YMSA) COMPETITION

THE STUART J. MURPHY AWARD
(THE 8-11 YEARS OLD CATEGORY)

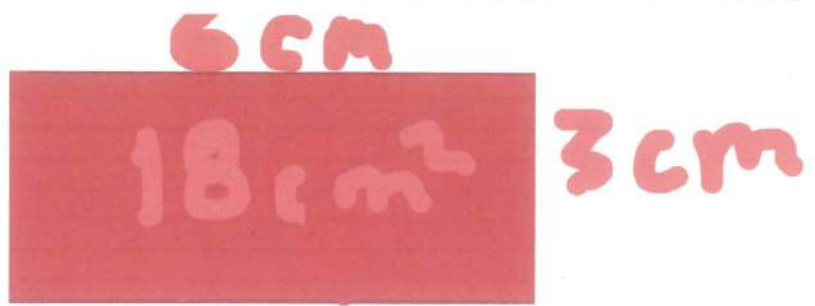
LONGLISTED

'Area' by Chengxi Wang (10 years old)
at the International School of Paphos (Cyprus)

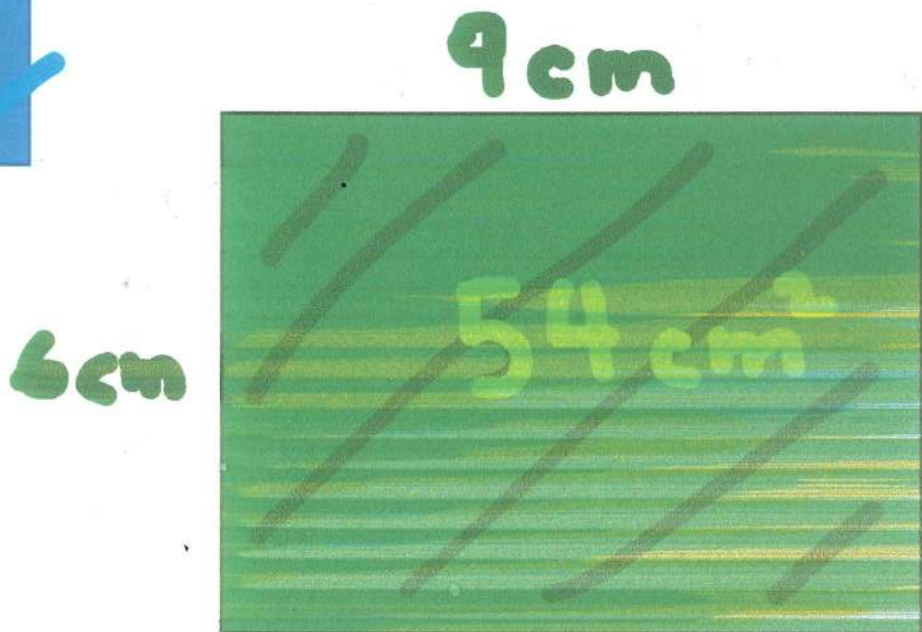
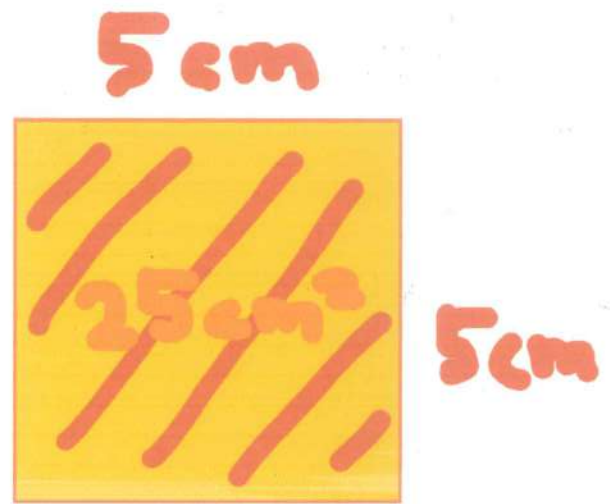
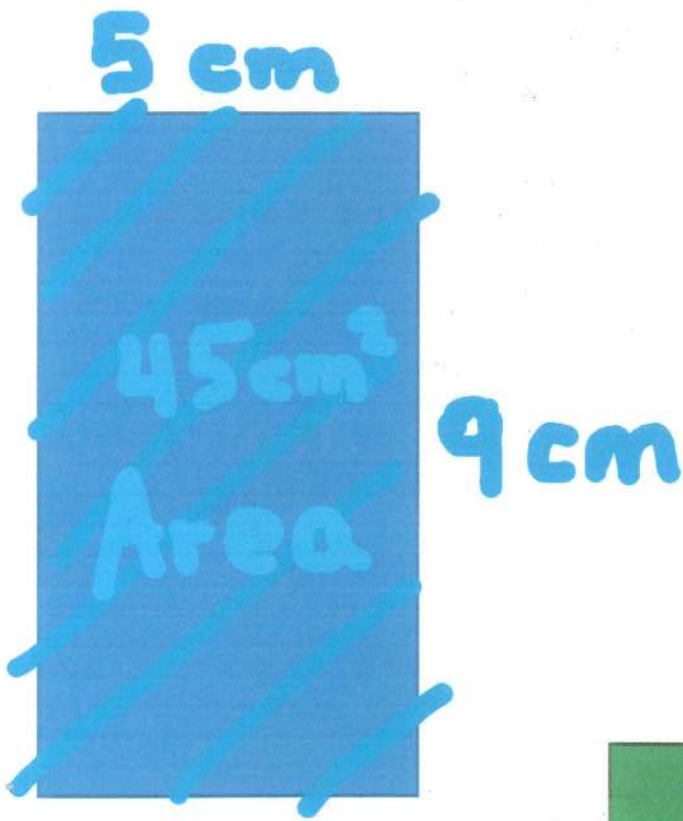
You can read the author's inspiration for the story and the judges' comments
on:

www.mathsthroughstories.org/ymsa2022

#YMSAMaths



Area



One day ☀️ in Animaltopia little monkey 🐒 had a problem, he had just moved in and needs a carpet for his floor but he doesn't know the area!



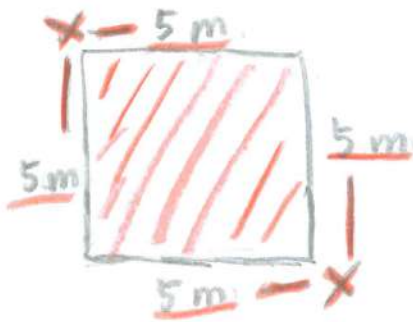
Ding dong ! It was little rabbit 🐰

"Hello little monkey I heard you need help"

"Yes, yes I do need help I need a new carpet for my floor but I don't know area!"



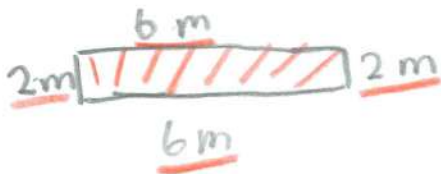
"Little monkey in order to calculate area you have to times the length by the width to get the answer, like this!"



$$\underline{L} \times \underline{W} = \underline{A}$$

$$\underline{5} \times \underline{5} = \underline{25}$$

$$\underline{5m} \times \underline{5m} = \underline{25cm^2}$$



$$\underline{L} \times \underline{W} = \underline{A}$$

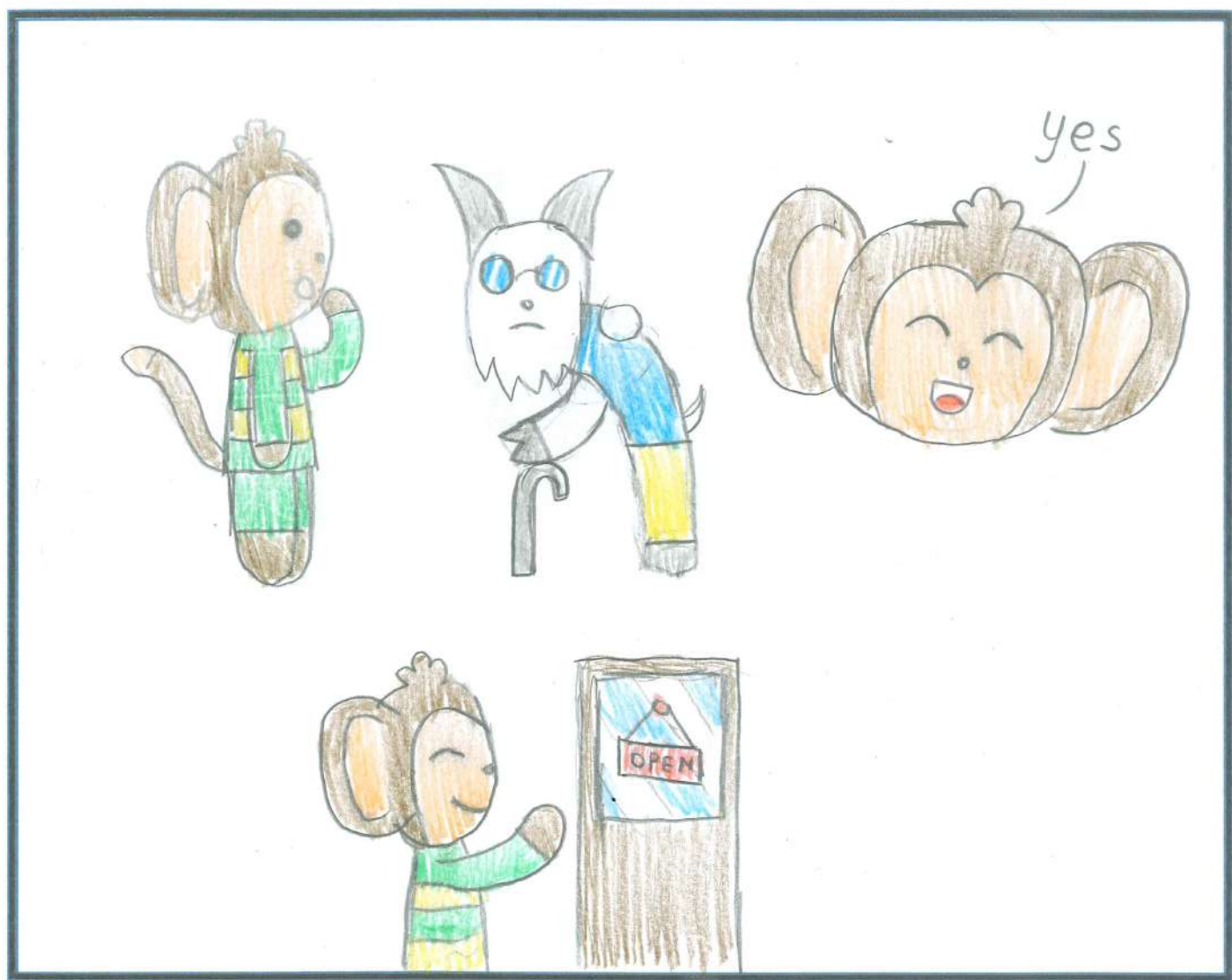
$$\underline{2} \times \underline{6} = \underline{12}$$

$$\underline{2m} \times \underline{6m} = \underline{12m^2}$$



"Oh, now I know, thank you little rabbit!"

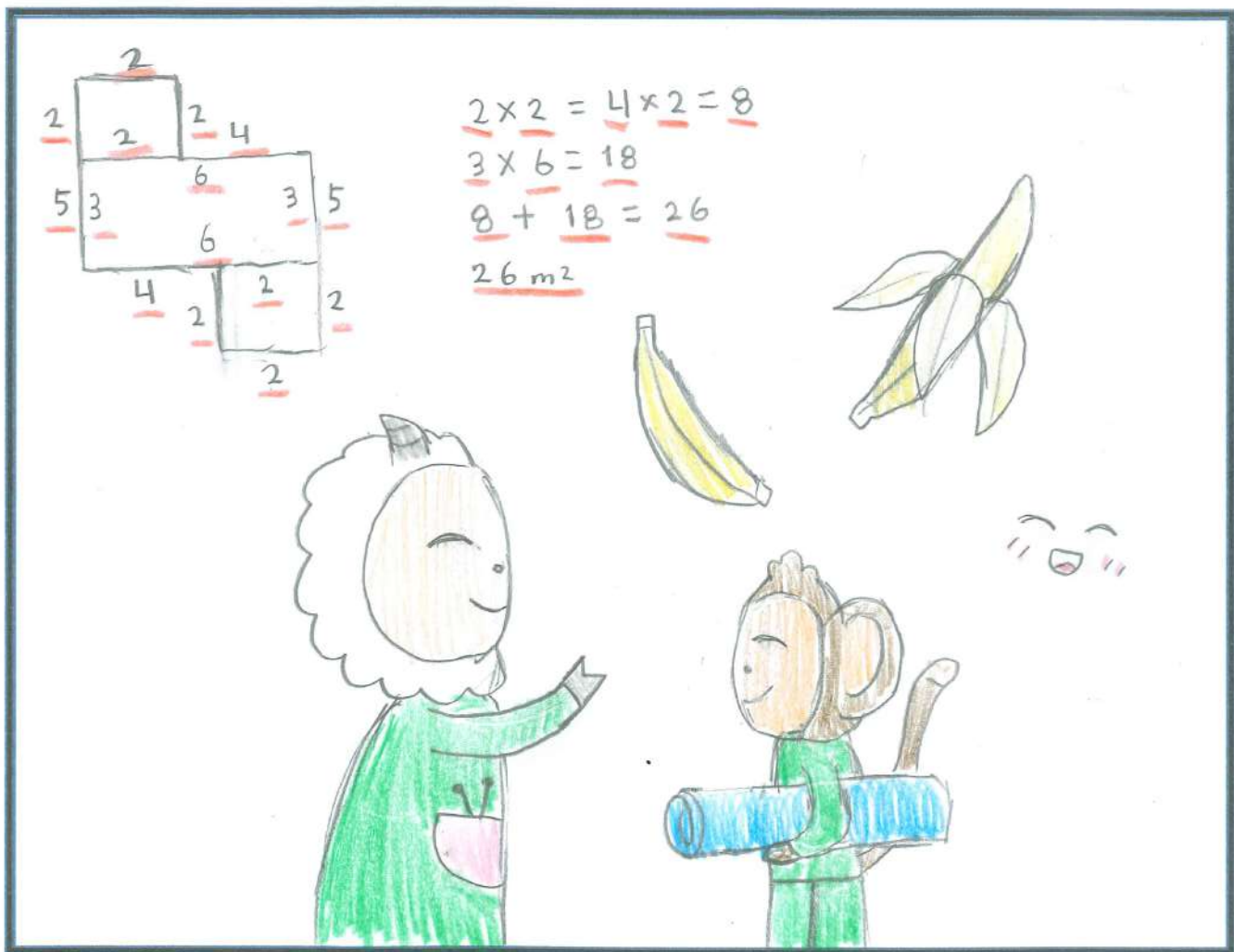
Little monkey went to the shop to buy his but on the way he met uncle goat "oh dear, little monkey I need a carpet for my floor, can you please help me get a new carpet"



"Sure!" Little monkey replied

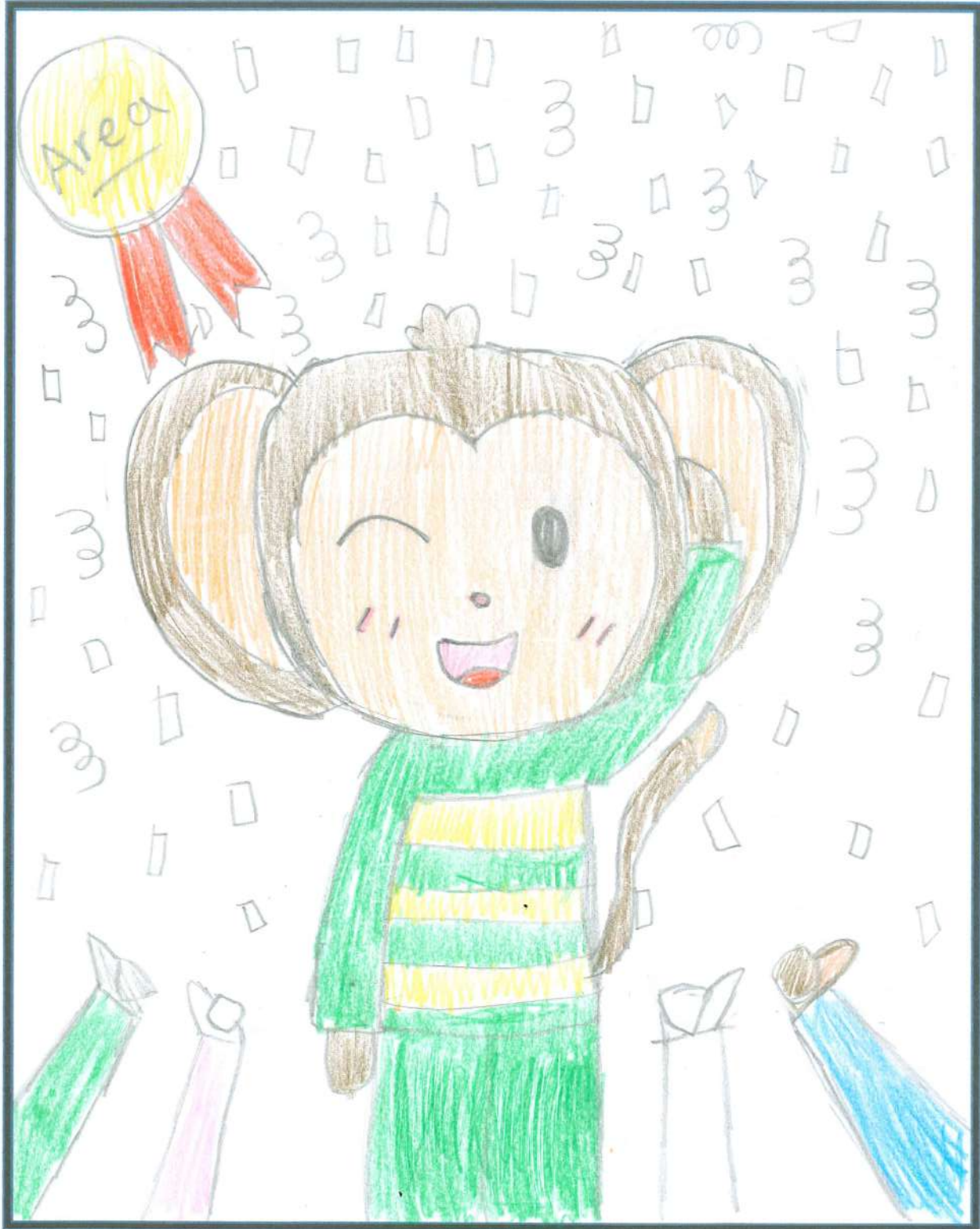
When little monkey arrived he remembered something...

"Oh no, I don't know how to do not semetrical!" "I can help you" said the mrs sheep "If you can't do it this way, separate the shape"



"Thank you mrs sheep!"

After laying out the carpets he had learned something new!



Hi my name is
Belinda wang

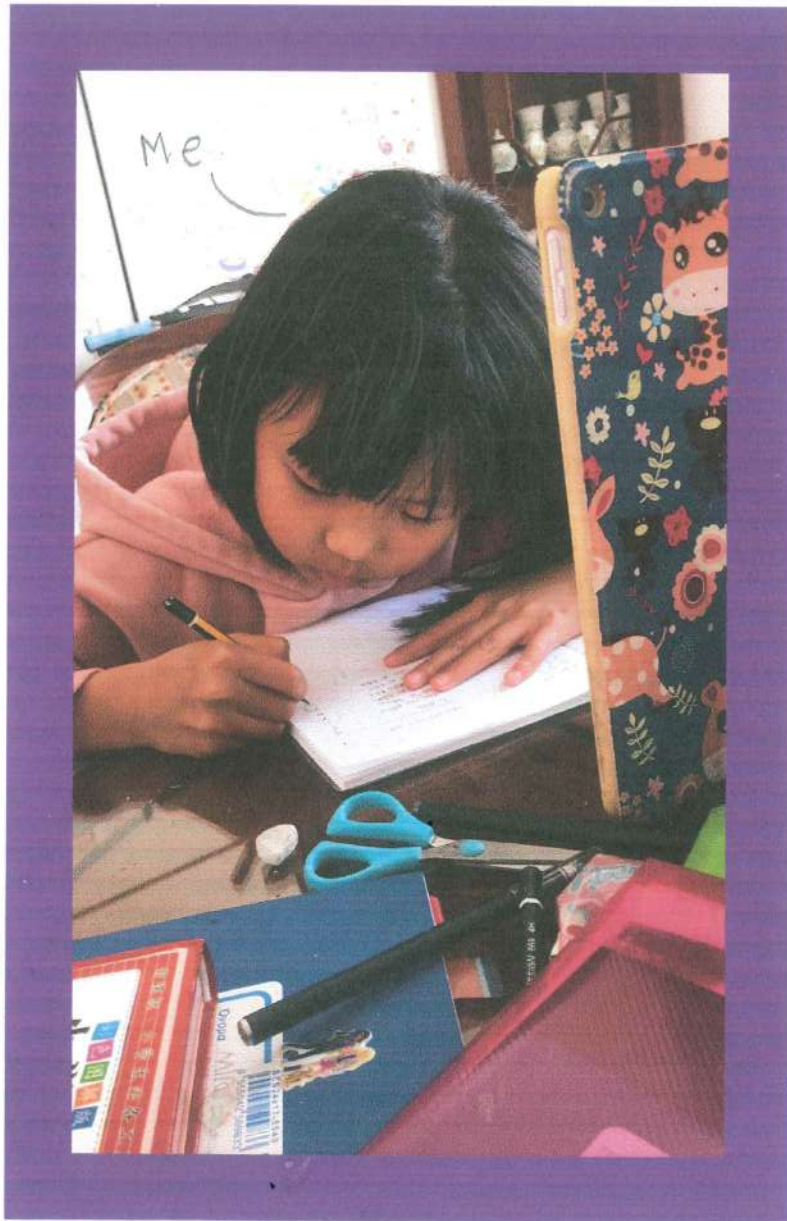
I attended because I always had a
intrest in making storys, my favrite subject is ICT,
PE, Sience, Englis, music and, of course, maths,
drawing is a habbit I can't loose, I used to think
maths is usless but now maths is evrything!
if I win this contest then I'm going to shreik!
I tried my best and don't expect to win.



CHINA
is my Home land

ISOP!
???

Thoes who
don't belive
in magic will
never find it
-Roald
dahl-



11
THIS
YEAR
😊

BFF
Maya
Adel
Miranda
sister



School: ISOP: International school of puphos