

## The 1<sup>st</sup> Math Project instructions

**Learning goal:** This project is designed to help students discover how math is closely related to their life to motivate their interest in learning math.

**Project format:** Take **ONE** photo and write **ONE** math question **in both Mandarin and English** based on the information provided by that photo. Please do this project on a Google document.

**Where to send this project:** Google classroom

### Please note:

1. **Project Due:** **October 10<sup>th</sup>, 2019** I'll check with Google classroom to see the submission time.

2. **Grading policy:** The project grade will be the average of teacher's and student's grading on the project evaluation chart.

(1) Students **don't need to type pinyin on top of each word**. The reason I put pinyin above each word is because I want to save students' time of finding pinyin for each word.

(2) **Please follow the instructions and check on rubrics to ensure your project fulfills all the requirements.**

(3) Since it's a math project, even if the Chinese wording isn't perfect, I'd still give full credit. However, **the math terms that are used in the Chinese component**

**has to be correct**, such as decimal xǎo shù 小数, fraction fēn shù 分数 and etc. Please refer to the math Quizlet <https://quizlet.com/MIMS5THMATH/folders/chinese-quizlet/sets> to find the correct wording for your project. **(one of the grading criteria.)**

liú xiǎo měi (your Chinese name) dì dì yī gè shù xué bào gào  
刘小美 的第一个数学报告

( The first heading )

Xiao-Mei Liu's (your English name) First Math Project

(The second heading)

nián jí wǔ nián jí bān jí mò lǎo shī xué hào : 28 rì qī  
年级： 五年级 班级： 莫老师 学号：28 日期： 10/2/2019

\*You need to write down grade level, class, number and date. The pinyin is one top of each word, so you can just type pinyin in the Chinese keyboard and

find the correct word. bān jí mò lǎo shī hé lǎo shī liú lǎo shī  
班级： 莫老师 / 何老师 / 刘老师

yī tú piàn (一) 图片 \*You need to type (一) 图片 and insert the photo below



èr pāi shè dì diǎn jiā yóu zhàn  
(二) 拍摄地点: 加油站 (gas station)

\*You need to type (二) 拍摄地点 to indicate where you take this photo.

sān wǒ xuǎn zé zhè zhāng tú piàn dì lǐ yóu shì wǒ jué dé tā kě yǐ ràng wǒ liàn xí xiǎo shù chéng fǎ hé  
(三) 我选择这张图片的理由是: 我觉得它可以让我练习小数乘法和  
xiǎo shù chú fǎ  
小数除法。 (I think I can practice decimal multiplication and decimal division out of  
it.)

\*You need to type (三) 我选择这张图片的理由是 to indicate why you choose this photo and what you can learn from this photo.)

sì shù xué wèn tí  
(四) 数学问题

\*You need to type (四) 数学问题 to show me what question you come up with when you take that photo.

jiā lún dì qì yóu yī gòng shì měi yuán qǐng zhǎo chū yī jiā lún dì qì yóu shì duō shǎo  
12.614 加仑的汽油一共是 30.13 美元。请找出一加仑的汽油是多少  
qián  
钱? (请将答案四舍五入到百分位。)

The total sum is \$30.13 for 12.614 gallons. Please find out the cost of gas per gallon. (Please round the final answer to hundredths.)

wǔ shù xué jiě dá  
(五) 数学解答

\*You need to type (五) 数学解答 to show me how you solve this math problem

$$30.13 \div 12.614 = 2.388$$

四舍五入 2.388 到百分位后，答案是 2.39。

(After rounding \$.388 to its hundredths, it'd become \$ 2.39.)

每加仑的汽油是 2.39 美元。

(The gas per gallon is \$2.39.)

\*\*\*If you create more than one math question, you can add them below. (optional)

### 六) 数学问题

基于第一个答案，如果下一个人加了 20 加仑的汽油，他需要付多少钱？

Based on the first answer, if the next person fuels 20 gallons, what's the total sum of this fueling?

### 七) 数学解答

$$2.39 \times 20 = 47.8$$

一共是 47.8 美元。

The total sum is \$47.8.

## **Resources**

Useful tools for project: <https://tliuedu.weebly.com/useful-tools-for-assignments.html>

(1) Google Translate

<https://translate.google.com/>

(2) Online Chinese Dictionary

<http://www.archchinese.com/>

(3) Convert Chinese words into pinyin

<http://www.beijingputonghua.com/tools/hz2py/hz2py.htm>

(4) Type Chinese on a computer

<https://chinese.yabla.com/type-chinese-characters.php?platform=win7>