

Math lesson plan

Hurriyet Primary School Dalaman-Turkey

SUBJECT: Numbers, Calculation, Problems Money and budget

AGE GROUP: 10-11

TIME: 40 minutes

OBJECTIVES: The Students will be able to;

- Discuss how to solve word problems involving money
- Work as a class to solve word problems focusing on addition, subtraction, multiplication, and simple fractions.
- Create their own budget and make their money management
- Work with a partner to make up their own word problems
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WARM-UP: (10 minutes)

You can take the interest of the students to the lesson by asking students to think about money are used in their daily lives Students may suggest the following:

- How much money they have for buying gifts
- How much money they need to save to buy a new toy
- How much money they need for cinema ticket
- How much money they need for new shoes

PRESENTATION: (30 minutes)

Explain to students that they use math every time they figure out how much money they have, spend, or need. During this lesson, students will be working together to apply the math skills they already know (addition, subtraction, multiplication, and fractions) to solve real-life problems about money and time. They will begin by working as a class to solve word problems about money and time. After practicing, students will work with partners to apply the same writing and math skills as they prepare their own word problems involving money

Problems;

Your teacher want you to join E+E Charity day and sell your own home made food at the charity day. You think that will be good idea to sell cupcakes. You want your mother to make 50 cupcakes for the charity day. On charity day you have 50 cupcakes and one cupcake is 5 TL. At the end of the charity day you sell all the cupcakes. How much Money do you earn on the charity day?

Ask students how they would solve this problem. First, discuss which operation they should use.

Follow steps with your students to solve this problem:

- To find out how much money you earn, multiply the following:

If one cupcake is 5TL and you sell 50 cupcakes

50

5

250 TL

HOMEWORK: (5 minutes)

Problems ;

You want to run your own business and at the first step you need to buy some materials for your enterprising idea. You would like to sell handmade bracelets. You go to market and buy 5 packets of beads. One packet of beads is 25 TL. You have 10 TL and you will ask for Money from your mother. How much Money do you need ?

Problems:

1-On your own farm you have 30 hens and each hen gives 2 eggs everyday. You will sell the eggs to the market. If one egg is 4 TL, How much money will you earn in a day?

2-You want to be enterpriner and you decide to make and sell lemonade in front of the park. You have prepared 20 glasses of lemonade. A You prepare a table and put the lemonade and glasses on it. You sell a glass of lemonade to 3 TL. At the end of the day, You sell all the lemonade and How much money do you get at the end of the day?

Evaluation:

Use the following three-point rubric to evaluate how well students listened in class, participated in class discussions, and were able to apply what they learned to write their own word problems.

- **Three points:** very attentive during class; actively participated in class discussions; and applied what they learned to write accurate, interesting word problems.
- **Two points:** somewhat attentive during class; showed some involvement during class discussions; and applied what they learned to write satisfactory word problems.
- **One point:** not attentive during class; showed little involvement during class discussions; and had difficulty applying what they learned to write their own word problems.