

# Help the Tooth Fairy

## Kindergarten Subtraction Project

Aligns with 2012 enVision Topic 8

*The attached project is a stand-alone learning opportunity to practice skills acquired in the classroom setting. The intent is to challenge student thinking; therefore, some components may be difficult for your child. Feel free to modify and adjust for your child's needs.*

**Project:** Students help the Tooth Fairy figure out if she has enough money in her purse to pay all of the students in the group for the teeth they haven't lost yet or if she has to go to the bank to get more.

### **Directions:**

1. Read the Tooth Fairy problem together with the students and explain the problem.
2. Explain each part of the project. Let students discuss what the next steps should be and why.
3. As students complete each step, they can discuss answers and reasoning. This is a good opportunity for students to check their math and explain how they arrived at their answer and why.
4. Talk about what a budget is and how it is used.

**What** is a **budget**?

It's a means of keeping track of exactly how much money is coming you have and how much money is being spent.

# Kindergarten Tooth Fairy Subtraction Project

## Student Directions

**Check off each step when it is completed.**

1. Work with an adult to understand the problem.
2. Complete the table to help the Tooth Fairy.
3. Figure out if the Tooth Fairy has enough money in her purse for all the baby teeth.
4. Make a plan and write a letter to help the Tooth Fairy stay organized with her money.



## Student Planning Sheet (Part 1)

**Problem:** Oh no! The Tooth Fairy lost her budget sheet! She doesn't know if she has enough money in her purse to pay a group kids for all their baby teeth when they lose them. She needs to make sure she has enough money in her purse pay each student \$1 for the teeth they have left to lose. Use the table below to help the Tooth Fairy get organized!

Each kid has **20** baby teeth that they will lose.

Name	Teeth Already Lost	Subtraction Sentence	Baby Teeth Left	Money for Baby Teeth
Jordyn	1	$20-1=19$	19	\$19
Arjun	5			
Shreya	9			
Li	7			
Andrew	12			

## Student Planning Sheet (Part 2)



Thank you! I have all I need, right?

The Tooth Fairy thinks she has all the information she needs to pay each kid for the rest of their baby teeth. Sorry, Tooth Fairy, you still need some help! How much money do you have in your purse right now?

The Tooth Fairy has \$54 in her purse. Does she have enough to pay all kids for the rest of their baby teeth? Use the space below to explain your answer. If not, how much more does she have to get from the bank?

I have \$54 in my purse.



### Student Planning Sheet (Part 3)

Now that you have helped the Tooth Fairy figure out how much money she needs to pay all of the kids, what advice can you give her so she can keep track of her tooth budget?

Write a letter to the Tooth Fairy with your suggestion. Be sure to include a step by step process to help her stay organized with her money.

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#### **Extension (Part 4)**

People use math every day. Think of another time someone might use math. Write about who would use math to keep track of a budget, why and how.

