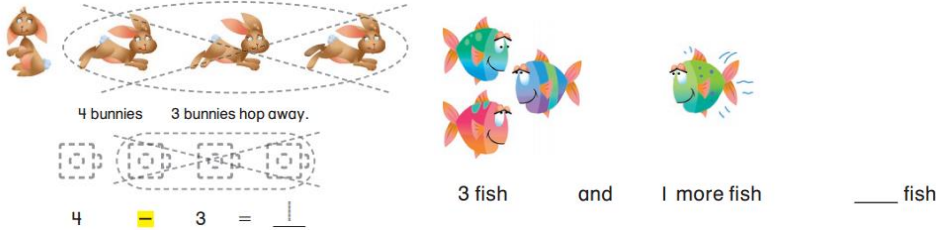## Solve Addition and Subtraction Problems Within 10

Overarching Student Learning Goals In this unit, your child will work to build an understanding of the following:	Resources/Tasks to support your child at home.
Understand the story structures that show addition and subtraction.	• Give your child problems from the real world where they would need to combine amounts (add) or separate amounts (subtract). Have your child represent the action in the problems using everyday objects as math tools (such as beans, cotton balls, cereal, pennies, buttons, etc.).

Unknown Amount	Join Problems	Separate Problems
Result	$8 + 4 = ?$	$12 - 4 = ?$
Change	$8 + ? = 12$	$12 - ? = 8$
Initial (Start)	$? + 4 = 12$	$? - 4 = 8$

- o There are 7 dogs in the park. Some more dogs come to the park. Now there are 9 dogs in the park. How many dogs came to the park?
- o Some birds are sitting in a tree. 3 birds fly away. Now there are 8 birds in the tree. How many birds were in the tree before?

• Khan Academy- Addition and Subtraction within 10

Use modeling to comprehend addition and subtraction problems.

4 bunnies   3 bunnies hop away.

$4 - 3 = 1$

3 fish   and   1 more fish   ____ fish

• CPALMS.org – Results Unknown Video (http://goo.gl/Wtxl6U) - This video models strategies used for join/separate problem types

• Give problems from the real world where they would need to combine amounts (add) or separate amounts (subtract). Have your child represent the action in the problems using everyday objects as math tools (such as beans, cotton balls, cereal, etc.).

For more information on the learning goals and your child's progress, please contact your child's teacher.

Grade 1

Match or write equations to represent addition and subtraction word problems.	• Use cards or dice to create an equation with a missing part and solve for the unknown number.
Examples: John has 5 toy cars. His brother gives him 3 more. How many toy cars does John have now? 5 + 3 = ? John has 8 toy cars. He gave 3 to his brother. How many toy cars does John have now? 8 – 3 = ?	• Additional support with addition word problems (video) – [Addition Word Problems] • Additional support with subtraction word problems (video) - [Subtraction Word Problems]
Find the unknown in a variety of addition and subtraction problems. **4 + 6 = ?** **10 - ? = 2** **? + 3 = 6**	• Learnzillion – https://learnzillion.com/resources/8862 – This video tutorial models missing parts with a bar model.

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