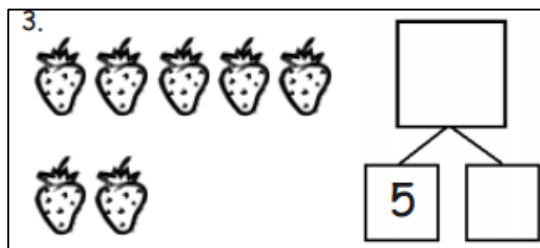


DISTRICT OF COLUMBIA
PUBLIC SCHOOLS

A Story of Units...

Sums and Differences to 10

We will start 1st grade by building on our counting to 10 skills from Kindergarten and working on the counting-on and taking away skills to get ready to learn addition and subtraction operations. Sums and differences will be reviewed using number



bonds shown in the example problem above. This activity also helps students to show ideas of sums and differences in different drawings and representations.

In Module 1 we will:

- **Use** addition and subtraction to solve problems
- **Apply** properties of operations
- **Understand** the relationship between subtraction and addition
- **Relate** counting to addition and subtraction
- **Add and subtract** within 20 and demonstrate fluency within 10
- **Demonstrate** an understanding of the equals sign
- **Solve** for an unknown in addition and subtraction problems

Enrichment Activities

In school, your child will...	At home, your child can...
<p>Play games using the Rekenrek to demonstrate addition and subtraction.</p> <p>Count on from a number in various settings to develop conceptual understanding of addition.</p> <p>Solve word problems using addition and subtraction.</p>	<p>Count-on using objects by starting with a certain number and counting to see how much “() more is.”</p> <p>Solve addition and subtraction problems around the house. For example, if we have 3 apples and buy 2 more, how many will we have in total?</p>


Focus Standards for Mathematical Practice

- Reason abstractly and quantitatively; students represent quantities with numerals
- Use precision and focus when solving a problem
- Look for and make use of structure
- Look for and express regularity in repeated reasoning

Fluency Focus


























We will practice our number bond fluency within 10 during exercises such as “Number Bond Dash.” This number bond approach works on addition and subtraction fluency, as seen in the example to the right.

Name _____ Date _____



Number Bond Dash!

Do as many as you can in 90 seconds. Write the number of bonds you finished here: _____

1. 	2. 	3. 	4. 	5. 
6. 	7. 	8. 	9. 	10. 
11. 	12. 	13. 	14. 	15. 
16. 	17. 	18. 	19. 	20. 
21. 	22. 	23. 	24. 	25. 

number bond dash 1