

Unit 4 Module 2 Session 3

Problems and Investigations- Measurement Story Problems

Work Places- Introducing Target One Thousand

Getting Ready-

- TM T5 Work Place Guide 4C Target One Thousand TM T6 4C
- Target One Thousand Record Sheet SB 120
- Work Place Instructions 4C Target One Thousand
- Number Cards, 1 deck with the wild cards removed
- Addition Strategies chart
- Subtraction Strategies chart

Getting Ready Con't.

- Chart paper or space to write on the whiteboard
- TM T7 Bird Measurement Problems Forum Planner
- SB 121-122 Bird Measurement Problems
- scratch paper, class set

VOCABULARY

Gram (g)

Milliliter (ml)

Sum or total

Mass



- Use strategies to fluently subtract with minuends to 1,000.
- Solve story problems involving addition of time intervals in minutes
- Solve story problems involving subtraction of volume measurements given in liters
- Solve story problems involving addition, subtraction, or multiplication of mass measurements given in grams

Work Places

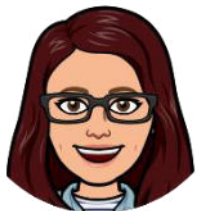
Introduce 4C Target One Thousand

- TM T5 Work Place Guide 4C Target One Thousand TM T6 4C
- Target One Thousand Record Sheet SB 120
- Work Place Instructions 4C Target One Thousand



Work Place Link

WORKBOOK PAGE 121 PLEASE



I will be choosing 4-5 students to share tomorrow during our forum.



Bird Measurement Problems page 1 of 2

Solve the problems on this sheet and the next. Show your thinking using words, numbers, or sketches.

- 1 A bird named Sal has a mass of 149 grams. Sal landed on a leaf next to a bird named Ted with a mass of 398 grams. How much mass do they have together? Be sure to label your answer with the correct units.

Together, Sal and Ted have a mass of _____
Units

- 2 How much more mass does Ted have than Sal? Be sure to label your answer with the correct units.

Ted has _____
Units more mass than Sal.

- 3** If Sal leaves his nest at 1:30 and flies for 2 hours and 10 minutes, what time does he come back?

Sal comes back at _____.

- 4** If Ted leaves his nest at 8:50 and flies for 30 minutes, what time does he come back?

Ted comes back at _____.



(continued on next page)

Bird Measurement Problems page 2 of 2

- 5** Ted jumped into a beaker of water that held 313 ml of water. When he flew back out, there was only 189 ml of water left. How much water had splashed out of the beaker?

_____ had splashed out of the beaker.
Units

- 6** Ted's nest has three times as much mass as Ted. How much mass does Ted's nest have?

Ted's nest has a mass of _____
Units

7 Sal's nest has three times as much mass as Sal. How much mass does Sal's nest have?

Sal's nest has a mass of _____
Units

8 **CHALLENGE** Sal's mother has a mass of 450 grams, which is 6 times the mass of his baby brother, Sammy. How much mass does Sammy have?

Sammy has a mass of _____
Units

Work Places

3B Add & Round Tens

3C Round Ball Hundreds

3D Round & Add Hundreds

4A Tic-Tac-Tock

4B Measurement Scavenger Hunt

4C Target One Thousand

Daily Practice

SB 123 Mr. Measure