

## Focus Questions Grade Two

### **Balancing and Weighing** (STC)

Lesson 1: *Thinking About Balancing*

What do you know about balancing?

Lesson 2: *Building Structures That Balance*

What do you have to do to balance something?

Lesson 3: *Exploring the Beam Balance*

What do you have to do to balance a beam balance?

Lesson 4: *Moving the Fulcrum*

What does a fulcrum have to do with balance?

Lesson 5: *Building Mobiles*

How are a mobile and a beam balance the same and different?

Lesson 6: *Exploring the Equal-Arm Balance*

How are an equal-arm balance and a beam balance the same and different?

Lesson 7: *Using the Equal-Arm Balance to Compare Objects*

How can an equal-arm balance help you compare objects?

Lesson 8: *Developing Strategies for Placing Objects in Serial Order*

What are some strategies you might use to place the objects in serial order?

Lesson 9: *Placing Six Objects in Serial Order*

What are some strategies you might use to place the objects in serial order?

Lesson 10: *Balancing With Unifix Cubes*

How are balancing and weighing alike?

Lesson 11: *Graphing the Weights of the Objects*

What strategies do you use to find the weight of an object?

## **Balancing and Weighing Focus Questions** (Continued)

Lesson 12: *Describing the Four Foods*

What do you notice about each food when you observe it carefully?

Lesson 13: *Comparing Cupfuls of Food*

What do you know about the pieces of food that might help you in predicting the weight of a cupful of the food?

Lesson 14: *Weighing Cupfuls of Food*

What do the line plots tell us about our investigation?

Lesson 15: *Which Food Occupies the Most Space?*

How can foods that weigh the same take up different amounts of space?

Lesson 16: *Where Are the Six Marbles?*

What strategies can you use to find which canister has six marbles?

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