

## Answers to Exercise 2.3

**Translating General Statements Into Learning Goals**1. *Language arts general statement: Speaking effectively*

Goal statement: Students will be able to present a five- to seven-minute oral argument on the topic of their choosing. The argument will have a clear introduction, main premise, supporting statements, and conclusion. Students will verbally acknowledge correct grammar throughout.

2. *Mathematics general statement: Reducing fractions*

Goal statement: Students will be able to recognize complex fractions that can be reduced to simpler terms and will be able to perform the arithmetic necessary to correctly complete the reduction.

3. *Science general statement: Understanding photosynthesis*

Goal statement: Students will be able to describe how photosynthesis functions in terms of plant respiration, nutrition, and growth, and will be able to identify factors that support or inhibit photosynthesis.

4. *Social studies general statement: Knowing local history*

Goal statement: Students will be able to list five important events in local history and explain why each of them is significant.

5. *Physical education general statement: Agility*

Goal statement: Students will be able to catch a ball thrown to their left or right sides.

6. *Technology general statement: Using Excel*

Goal statement: Students will be able to enter data into an Excel spreadsheet, apply variable and value labels to the data, and perform simple descriptive data analysis such as calculating means, standard deviations, and percentages.

7. *World languages general statement: Spanish conversation*

Goal statement: Students will be able to converse with one another in Spanish about the type of food they like for breakfast.

8. *The arts general statement: Music appreciation*

Goal statement: Students will be able to identify their favorite type of music and explain in specific terms why that type is their favorite.

9. *Language arts general statement: Reading comprehension*

Goal statement: Students will be able to discuss explicitly and implicitly stated themes and ideas.

10. *Mathematics general statement: Estimating*

Goal statement: Students will be able to estimate sums and differences mentally.