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# A Very Practical Appendix

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*Learning Maths by Using*

# Manipulatives

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**VERBAL/LINGUISTIC**

Select one of the maths manipulatives. Prepare a short demonstration speech to show how to use this learning tool to teach a maths concept.

**LOGICAL/MATHEMATICAL**

Develop a sequential lesson plan that teaches a maths concept using one or more of the maths manipulatives.

**VISUAL/SPATIAL**

Complete a series of drawings or diagrams demonstrating the use of one or more of the maths manipulatives to teach a maths concept.

**BODY/KINAESTHETIC**

Use one or more of the maths manipulatives to teach a maths concept to someone else in the class.

**MUSICAL/RHYTHMIC**

Use a series of drumbeats to accompany the use of one or more of the maths manipulatives to teach a maths concept. The drumbeats should reflect the use of the manipulatives in some way.

**INTERPERSONAL**

Work with a partner to prepare a simple exhibit or display showing how maths manipulatives can be used to teach maths concepts.

**INTRAPERSONAL**

Record ways that you might find maths manipulatives to be helpful as you attempt to learn various maths concepts.

**MANIPULATIVES TO CONSIDER:** tangrams, pattern blocks, cuisenaire rods, geoboards, fraction bars, protractors, compasses, measurement tools.

*The Role of Mathematics in Working Lives*

# Mathematics at Work

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**VERBAL/LINGUISTIC**

Prepare a brief essay describing how you use mathematics in your day-to-day activities at home and at school.

**LOGICAL/MATHEMATICAL**

Brainstorm a list of possible careers. Think of key mathematical concepts that would be important in the careers on your list; then list the concepts in order of importance for each career.

**VISUAL/SPATIAL**

Conduct a survey of workers in your school or community to determine different ways that maths is important to many jobs.

**BODY/KINAESTHETIC**

Create or design something that requires you to apply several different maths concepts.

**MUSICAL/RHYTHMIC**

Discuss the many ways that maths is important to a composer, to a conductor, and to a critic of musical productions.

**INTERPERSONAL**

Organise a panel discussion to share the many ways that mathematics is used in your art, music, physical education, home economics, industrial arts, and computer classes.

**INTRAPERSONAL**

Write a journal entry that explains how numbers are important in your life.