



# Early Learning Standards

for the

**Tactile Panel**

[www.adventurouschild.com](http://www.adventurouschild.com)

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# Tactile Panel

## Early Learning Content Areas that apply to using The Adventurous Child Tactile Panel:

- English/Language Arts
- Mathematics
- Science
- Social Studies
- Physical Education and Health
- Visual Arts

## This is what the children are learning when they use the Tactile Panel:

### English/Language Arts

#### **Reading: Word Recognition, Fluency, and Vocabulary Development – Phonological Awareness**

- Generate sounds from letters.

#### **Listening and Speaking: Listening and Speaking Skills, Strategies, and Applications - Comprehension**

- Follow one-step spoken directions without prompts.
- Follow two-step spoken directions with prompts.
- Use trial and error to solve a simple problem.

### Mathematics

#### **Number Sense: Number Relationships**

- Count a number of objects up to three.
- Count each object only once.
- Identify first and last.
- Use whole numbers up to five to describe objects and experiences.
- Identify when objects are the same number, even if arrangement has changed.
- Name groups of objects.

#### **Algebra and Functions: Finding Patterns and Relationships**

- Identify attributes of objects.

#### **Geometry: Recognizing Common Geometric Shapes and Using Directional Words**

- Sort by one attribute (e.g., size, shape, color).
- Use the words “here” or “there” to indicate where things are in space.
- Put objects into groups by attributes.

#### **Measurement: Time and Measurement Relationships**

- Identify similarities and differences in objects.

#### **Problem Solving: Ability to Reason, Predict, and Problem Solve Through Exploration**

- Make simple cause/effect predictions.
- Use a tool in a new way.
- Identify parts on an object.

## Science

### **The Nature of Science and Technology – Scientific Inquiry and Process**

- Observe and describe properties of objects.
- Use the five senses (touching, smelling, seeing, hearing, tasting) to investigate the environment and to gather information.

### **Scientific Thinking – Computation and Estimation**

- Classify objects by different attributes (characteristics).

### **Scientific Thinking – Shapes and Symbolic Relationships**

- Talk about the fact that everything has a shape.
- Observe shapes and look for objects that are the same shape.

### **Environments – The Physical Setting**

- Participate in activities using materials with a variety of properties (e.g., color, shape, size, name, type of material).
- Investigate and talk about the characteristics of matter (e.g., liquids and solids, smooth and rough, bend-not bend).

### **Communication – Sharing Observations and Discoveries**

- Identify attributes or characteristics for comparison (e.g., color, size, gender, shape).
- Classify objects by an attribute (characteristic) and share their thinking with another.
- Participate in discussions related to their findings

## Social Studies

### **Civics and Government – Foundations and Functions of Government and Its Citizens**

- Follow simple directions.

### **Geography – Places and Regions**

- Use words hard/soft, rough/smooth, and water/land when describing surfaces.

### **Individuals, Society, and Culture – Cultural Diversity**

- Use interpersonal skills of sharing and taking turns in interactions with others.

## Physical Education and Health

### **Application of Movement Concepts and Principles to the Learning and Development of Motor Skills**

- Identify and use a variety of spatial relationships with objects (e.g., the child will move self and/or object over, under, beside, and through as directed by an adult).

### **Enjoyment of Motor and Sensory Experiences: Exhibiting Self-Confidence**

- Participate in a variety of gross/fine motor and sensory activities.
- Attempt novel gross/fine motor and sensory activities.
- Demonstrate a determination to develop skills through repetitive practice.

## Visual Arts

### **Creating Art: Process and Product- Uses Symbols, Elements Such as Shape, Line, Color, and Texture and Principles Such as Repetition in Art Experiences**

- Use different colors, surface textures, and shapes to create form and meaning.
- Enjoy repetition of materials and activities to further explore, manipulate, and exercise the imagination.