

# JMG® Fast Track

Below are suggested "fast track" activities for teachers to help students complete certification requirements. Each of the activities was chosen for its popularity and success in a classroom setting and for its more brief time requirements. To complete certification requirements, individual activities found in the JMG Youth Handbook can be completed independently outside of the classroom as homework activities. Ideally, students will complete an activity from a learning concept from their handbooks as that same learning concept is taught with their group. For example, when your class completes the "Gas Gobblers" game in the *Plant Processes* learning concept, a student may choose to complete the "Initial Leaves" activity from the same learning concept in their handbooks that evening. Activities listed as well community service projects are suggestions. Any departures from the suggested track are welcome.

## Chapter 1: Plant Growth and Development

<b>Learning Concept:</b>	<b>Suggested fast track activity:</b>
<i>Importance &amp; Uses of Plants</i>	Hamburger Plant (pg 3)
<i>Plant Classification</i>	Leaf-and-Seed-Sort (pg 7)
<i>Plant Parts</i>	Plant Parts Rap (pg 8)
<i>Plant Needs</i>	P.L.A.N.T. Needs (pg 11)
<i>Plant Growth</i>	Power Seeds (pg 16)
<i>Plant Processes</i>	Gas Gobblers (pg 18)
<i>Propagation</i>	Paper Pots (pg 20)
<i>Community Service Project</i>	Share What You Know

## Chapter 2: Soils and Water

<b>Learning Concept:</b>	<b>Suggested fast track activity:</b>
<i>Soil Color, Texture, &amp; Structure</i>	Candy Aggregate (pg 27)
<i>Nutrients</i>	The Numbers on the Bag (pg 29)
<i>Soil Improvement</i>	Compost Sandwich Composition (pg 33)
<i>Water Cycle and You</i>	Earth Apple (pg 35)
<i>Water Movement</i>	Out of the Spout (pg 39)
<i>Community Service Project</i>	Make a Difference

## Chapter 3: Ecology and Environmental Horticulture

<b>Learning Concept:</b>	<b>Suggested fast track activity:</b>
<i>Balance &amp; Interactions in Nature</i>	Nature Class Web (pg 43)
<i>Habitats</i>	Backyard Buddy or Visit with a Vet (pg 52,53)
<i>Hand-in-Hand with Nature</i>	Both Sides of the Fence (pg 55)
<i>Recycling</i>	Grow Cards or Know and Show Recycling Sombrero(pg 63,64)
<i>Eco-Art</i>	Garden Folk (pg 67)
<i>Community Service Project</i>	Garden Folk Competition

(Create a group competition from activity completed in above section - make sure all works are recognized. Awards can be given for the Scariest Garden Folk, Most Colorful, Most Fashionable, etc.)

## Chapter 4: Insects and Diseases

<b>Learning Concept:</b>	<b>Suggested fast track activity:</b>
<i>Insect Basics</i>	Secret Smells Game (pg 79)
<i>Life Cycles &amp; Classification</i>	Metamorphosis Bracelets (pg 83)
<i>Insect Collecting</i>	Suck-A-Bug! (pg 87)
<i>Insect/Plant Interactions</i>	Chew on This! (pg 94)
<i>Insect Management</i>	Don't Bug Me (pg 104)
<i>Plant Diseases</i>	Prescription for Prevention (pg 113)
<i>Community Service Project</i>	Collect and Share

(Share technique learned in Suck-A-Bug! activity with a younger group of youth)

## Chapter 5: Landscape Horticulture

**Learning Concept:**

*Design Process*  
*Design Principles*  
*Identification & Selection*  
*Installation*  
*Caring for Your Landscape*  
*Community Service Project*

**Suggested fast track activity:**

Site Map (pg 121)  
 Nature Wheels (pg 122)  
 How Tall is that Tree? (pg 127)  
 Do It Right (pg 131)  
 Queen Bud (pg 137)  
 School Tree Book

**Chapter 6: Fruit and Nuts****Learning Concept:**

*Facts and History*  
*Products*  
*Growth, Development and Growing Techniques*  
  
*Community Service Project*

**Suggested fast track activity:**

Fruit and Veggie Lab/Is it a Fruit or a Veggie? (pg 145)  
 Apple-ing Appearance (pg 147)  
 A Fruit's Life Rhyme (pg 151)  
 Share and Care Fruit Basket

**Chapter 7: Vegetables and Herbs****Learning Concept:**

*Planning the Garden*  
*Growing Techniques*  
*Harvesting*  
*Nutrition in the Garden*  
*Vegetable Products*  
*Herbal Products*  
*Community Service Project*

**Suggested fast track activity:**

Home Sweet Home or Rules are Rules (pg 157,161)  
 Paper Towel Gardening or Tender Transplants(pg 165,167)  
 Beauty Contest (pg 172)  
 The Pyramid (pg 173)  
 Party Confetti Salad(pg 180)  
 Touch and Smell(pg 182)  
 Pyramid Presentation

**Chapter 8: Life Skills and Career Exploration****Learning Concept:**

*Self-Esteem*  
*Relating to Others*  
*Communication Skills*  
*Decision Making/ Goal Setting*  
*Planning & Problem-Solving*  
*Responsible Behavior*  
*Career Awareness*  
*Community Service Project*

**Suggested fast track activity:**

Know Your JMG Friends (pg 192)  
 Over and Under (pg 197)  
 Plant a Seed (pg 199)  
 Right on Target (pg 201)  
 Pass It On(pg 204)  
 Consequences(pg 209)  
 When I Grow Up (pg 213)  
 Learning to Share