

GARDENING OUTPOST ADVENTURE

Achievement Sampler #5

Use this sampler to complete some CSB Achievement at home. Your parent, another relative or a family friend can help you with the memory verses and the individual Achievements. When you are done, show your completed work to your Stockade Ranger. He can help you get the entire Outpost Adventure and earn the Patch and Honor Star.

Print this pdf as a “Booklet” or “Multiple” using Adobe Reader.

You can obtain GARDENING from:
CSB US - store.csbministries.org
CSB Canada - store.christianservicebrigade.ca



Builder Memory Verse: Matthew 6:8b

“For your Father knows what you need before you ask Him.”

Sentinel Memory Verse: Lamentations 3:22-23

“The steadfast love of the LORD never ceases. His mercies never come to an end; they are new every morning; great is Your faithfulness.”

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WHERE'S THE RAKE



Match up the different garden tools used to care for a garden.



Compost Bin _____

Shovel _____

Hand Pruner _____

Cultivator _____

Hoe _____

Garden Hose _____

Sprinkling Can _____

Dirt Rake _____

Hand Trowel _____

Hand Tiller _____

Garden Gloves _____

Garden Fork _____

Large Lopper _____

Or Pruner _____

Wheelbarrow _____



Ask your Ranger if he thinks you got them right.

BEST BUDD BUGS



Fill in the puzzle with the CAPITALIZED words:

The **LACEWING** eats harmful bugs, scale, moth eggs, small caterpillars and mites. It has “lacy” wings.

The **PARASITIC WASP** attacks the eggs of harmful garden bugs.

The **LADYBUG** feeds on aphids and bugs that harm plants. It has an orange-red body with dark spots.

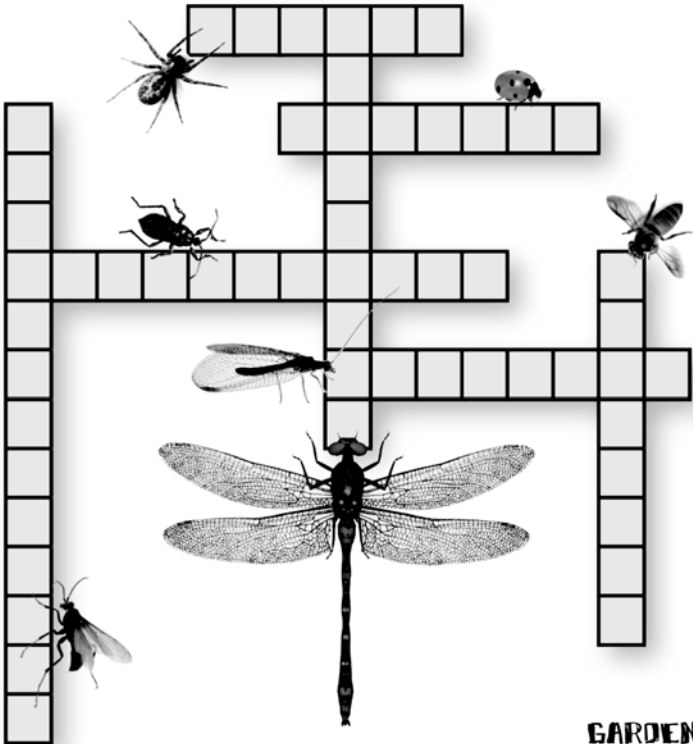
The **SPIDER** feeds on all sorts of insects.

The **DRAGONFLY** eats all sorts flying insects.

The **HONEY BEE** pollinates plants so that they can produce seeds and fruit.

The **ASSASSIN BUG** is the “hired gun” of the insect world and eats many harmful bugs. It has an armored looking body.

Show your Ranger your completed crossword.



RAINFOREST IN A JAR



Build a mini-terrarium using a Mason Jar and a lot of creativity. **Show your Ranger your finished Project.**

Preparation: a large mason jar, pea gravel, potting soil, moss, a plant (African Violet, fern, etc), and a decorative rock.

- Step 1:** Fill the bottom of mason jar with a thin layer of small rocks or pebbles.
- Step 2:** Add a layer of potting soil. Make sure the jar is filled only 1/3 of the way from the bottom.
- Step 3:** Add moss and plant. Add decorations.
- Step 4:** Water to moisten the soil, then put the lid on. Place in a spot that receives indirect sunlight.
- Step 5:** Watch the water cycle (condensation on the glass).
- Step 6:** Every few weeks, open to allow fresh air and prevent mold. Water as needed.



COMMON WEEDS

CHICKWEED



MORNING GLORY



PLANTAIN



DANDELION



CLOVER



BUTTERCUP



QUACKGRASS



CHICORY



CANADA THISTLE



GARDEN ENEMIES #1



There are many “bad” or harmful insects that we want to keep out of our gardens because of the damage they do. How many have you seen? Place the letter of the bug’s picture beside its **Common Name** and description, below. Memorize the name and picture of each bug. **Then looking at the pictures only, tell your Ranger about each bug.**

___ **Grasshopper:** This is a large “jumping” insect that chews on and eats almost any kind of plant. In large numbers they are known as locusts and can strip huge areas of their vegetation.

___ **Aphid:** This is a fairly small sap-sucking insect that leaves a sticky fluid behind on the leaf. They cause a lot of harm but can often be controlled by gently spraying them off of the plant with the water hose.

___ **Scale:** This insect looks like a brown or white blister on the leaf, stem or branch of woody plants. It sucks sap from the host plant and is hard to control.

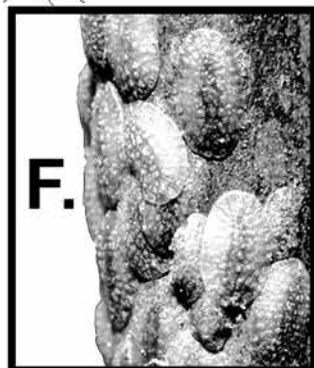
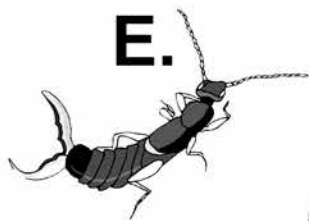
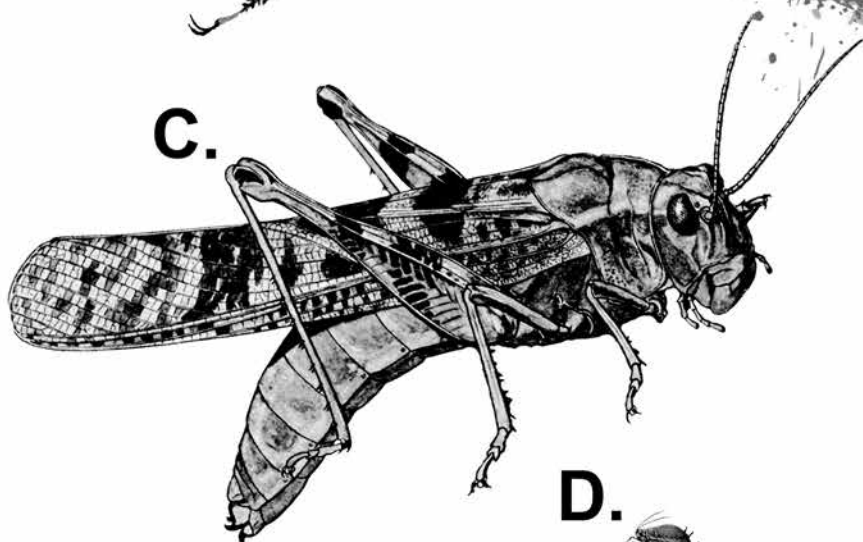
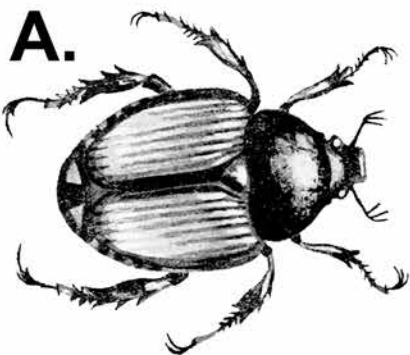
___ **Earwig:** This is an “ugly” bug that feeds on lettuce, corn, tender seedlings and the flowers of plants, as well as on the ripening fruit. It can be controlled with traps.

___ **Cutworm:** This is a moth larvae that hides under the soil during the day and comes out in the dark to feed on plants. The larva eats whatever part of the plant it finds, usually the stem of a seedling, and cuts it down; hence its name. It is best controlled by predatory insects.

___ **Mite:** This is a very tiny insect, often no bigger than a speck of dust. It is noticed by its movement. It damages plants by sucking its sap, but is easily removed with a spray of water.

___ **Japanese Beetle:** This insect feeds on a large variety of plants, chewing up the plant tissue between the veins of the leaves. This insect will make the plant leaves look like lace. It is controlled with a spray of soapy water.


GARDEN ENEMIES #1




WEEDINATOR



Ask your Mom or Dad, or a friend, if you can help them weed the garden for 4 weeks.

 Listen to their instructions **carefully** about what they consider to be weeds in their gardens and how best to pull them out.
Note: A weed is a plant that the gardener does not want growing where it is growing.

 Ask the person whose garden you are **helping** to “weed” to tell you what some of the weeds are and why they are “bad”.

 **Fill in the following chart:**

Week	Number of times weeded	Types of weeds pulled	Number of times the garden had rain or water	Tools used
1				
2				
3				
4				

Talk to your Ranger about your accomplishment.