

ENVIRONMENT (DEPARTMENT M)

Each 4-H/FFA exhibitor may enter up to 3 **different** items in each class.

ENVIRONMENT - DIVISION 112

Eco-Wonders - Level 1

Class:

901. Build Your Own Ecosystem - Follow directions and diagram on page 11 of Level 1 Manual.

902. Food Web - Make a poster illustrating a food web for the ecosystem found in your backyard. Follow guidelines for posters listed on page 22.

903. Weather Instrument or Weather Log - Make a rain gauge or pinwheel to determine direction of the wind. Follow directions for these on pages 19 & 20 of Level 1 Manual.

Eco-Adventures - Level 2

904. Identify Flower Parts - Make a poster illustrating all the parts of a flower.

Follow guidelines for posters listed on page 22.

905. Groundwater Model - Using diagram on page 27 of Level 2 Manual, construct a groundwater model of your area using colored clay or play dough. Include key to describe colors. Use poster board for the base no larger than 12" x 12".

906. Soil Profile Poster - Dig a hole approximately 1 foot deep. Illustrate different soil types using crayons or colored pencils. Use page 15 in level 2 Manual for reference.

Eco-Actions - Level 3

907. Global Positioning System Chart - Using a GPS choose 5 landmarks and chart locations. For example: your house, make sure to include street address along with GPS description.

908. Biotechnology - Inventory items found in your refrigerator. Explain how biotechnology is used to create these products and its benefits in an essay no longer than 2 pages typewritten.