

# SMH Special Studies Rotation

## Form I (grade 1-3):

### Broad and General Exposure to the Natural World

These are the same general categories of plants and animals that Charlotte Mason assigned. They are broad and repeated. When a subject is set, such as wildflowers, you should look at any wildflower you come across.

	Autumn	Winter	Spring
A	Wildflowers & Fruits and Birds & Reptiles	Deciduous Trees and Birds in Winter (Bird song)	Wildflowers & Trees and Bird Nesting
B	Wildflowers & Fruits and Birds & Mammals	Non-Flowering Plants and Birds & Animals (Migration & Hibernation)	Wildflowers & Trees and Amphibians
C	Wildflowers & Grasses and Birds & Spiders	Evergreen Trees and Birds & Animals in Winter (Tracks)	Wildflowers & Trees and Insects

## Form II (grade 4-6)

### Narrower Look at Specific Species

Instead of all wildflowers, a Form 2 student will choose a specific species, such as Queen Anne's Lace or buttercups. It must be something they can observe regularly.

	Autumn	Winter	Spring
A	Wildflowers and Reptiles	Deciduous Trees and Large Mammals (Hibernation)	Cultivated Crops (Field and Garden) and Birds
B	Water Plants/Weeds and Small Mammals	Non-flowering plants (Moss & Lichen) and Birds in Winter (Migration)	Wildflowers and Amphibians
C	Grasses and Spiders	Evergreen Trees and Earthworms/Fish	Garden Flowers and Insects

## Form III-IV (grade 7-9)

### Broad Cross-Species Comparison

Students will now look at the characteristics of plants and animals that cross species, such as seed dispersal or migration.

	Autumn	Winter	Spring
A	Seed Dispersal and Animal Behavior	Plant Movement and Hibernation	Plant Uses and Animal Parenting
B	Water Plants and Nocturnal Animals	Mold, Yeast and Bacteria and Migration	Pollination and Animal Structure
C	Photosynthesis and Symbiosis	Plants in Winter and Animal Homes	Leaf Buds/Seedling Growth and Animal Communities

## Form V-VI (grade 10-12)

### Year Long Biome/Ecosystem Observation

Students can now spend an entire year looking at the ecology of a specific region, including how species work together in the habitat, what problems are present, and how those may affect each species. We hope you can find a little patch of each of the following biomes in your local area.

A	Aquatic Biome/Ecosystem
B	Woodland Biome/Ecosystem
C	Grassland Biome/Ecosystem