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| Time Frame | Topic/Unit | Skills/Concepts | Major Assessments | Core Standards | Resources |
| 4 weeks | Intro to Environmental Science | * Overview of Forestry * (definition-uses-types of forests) * Tree Identification * Forestry Practices * Overview of Wildlife * (definition-uses-terms) * Wildlife Identification * Habitat * Conservation * Air Overview * (definition-make-up-characteristics) * Air Quality * Common Air pollutants * Water Overview * (definition-make-up-water cycle) * Water Quality * Water Pollution * Soil Overview * (definition-soil texture, structure and profile- soil make-up) * Soil Use | Building a field guide for wildlife  Air quality lab  Water quality lab  Soils lab  Have a team competition at the end of the unit like Envirothon. Stations they rotate to on each topic |  | Units from Ag Ed Net  Tree and Wildlife guides  Air quality lab materials  (cups-food coloring-coffee-soil-cocoa-cool aid)  Water and soil test kits  Video’s on soils a. wildlife and forestry |
| 1 week | Safety | * Overview * Tool use * PPE’s * Clean-up | Summative test and practical |  | Units from Ag Ed Net  Tools and machines in shop |
| 4 weeks | CO2 Car | * Project Design * Measuring * Project Build * Calculating Speed * Science behind the build (Newton’s laws) | Design and Build CO2 car  Prediction Essay |  | Drawing tools and paper  CO2 car material  Paint |