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| **Grade** | **Learning Experience** | **Theme and/or Description** | **Provider(s)** | **District** | **Select** |
| **Pre-K** | ASK: Earth is Our Home  (Applied Science for Kids) | Observations of the Environment: Observations of animal homes and how we can recycle. Intro to Place Based Learning | Nature Center at Shaker Lakes | X |  |
| Nurture the Wonder\* | Age appropriate science lessons through exploration of different areas of the zoo.  ***Offered district wide, but only teachers completing the course receive vouchers for class visit*** | Cleveland MetroParks Zoo | X | X |
| **K** | ASK: Nature Alive  (Applied Science for Kids) | Observations of the Environment- Use of analysis and observation to determine what makes something alive and living things adaptations to survive seasonal changes | Nature Center at Shaker Lakes | X |  |
| Linking Plant Science to Literature\* | ***Offered district wide, but only teachers completing the course receive vouchers for class visit*** | Cleveland Botanical Gardens | X | X |
| **1** | ASK: Habitat Stewardship  (Applied Science for Kids) | Observations of the Environment: Observations of a man-made habitat that has been reclaimed by nature. Observations of local flora and fauna and their basic needs within this habitat | Nature Center at Shaker Lakes & Lake Erie Nature Preserve | X |  |
| Linking Plant Science to Literature\* | ***Offered district wide, but only teachers completing the course receive vouchers for class visit*** | Cleveland Botanical Gardens | X | X |
| **2** | INSPIRE | Observations of the environment- changes in energy cause changes within the ecosystem | Cleveland Museum of Natural History | X |  |
| Linking Plant Science to Literature\* | ***Offered district wide, but only teachers completing the course receive vouchers for class visit*** | Cleveland Botanical Gardens | X | X |
| **3** | Veggie U | Interconnections within the systems -Everything is made of matter and energy in an ecosystem | Culinary Vegetable Institute/Chef’s Garden | X |  |
| Watershed Workbooks | Lake Erie watershed and stormwater management | NEOSRD | X |  |
| Circle Expeditions | STEM | University Circle Inc. |  | X |
| **Grade** | **Learning Experience** | **Theme/Description** | **Provider(s)** | **District** | **Select** |
| **4** | NEMO | Interconnections within systems- changes in the earth over time, fossils. **Must attend PD to receive class materials and voucher for visit** | Greater Cleveland Aquarium | X |  |
| Circle Expeditions | STEM | University Circle Inc. |  | X |
| Healthy Futures | Health  ***Offered district wide, but only PD receive the classroom materials*** | Cleveland Clinic | X |  |
| **5** | Connections to Africa | Interconnections within systems: Cycles, transfer of energy within ecosystems | Cleveland MetroParks Zoo | X |  |
| Watershed Workbooks | Interconnections within systems: Lake Erie watershed and stormwater management | NEOSRD | X |  |
| AWIM | A World in Motion brings STEM to life in the classroom by incorporating the Laws of Motion into a design challenge. | ALCOA | X | X |
| LEAD | Order and Organization | UCI |  | X |
| **7** | Watershed Workbooks | Order and Organization: Lake Erie watershed and stormwater management | NEOSRD | X |  |
| **8** | LEAD | Order and Organization |  |  | X |
| **9** | UWISLS | Physical Science- Earth science/biogeochemical cycles  ***Offered district wide; teachers completing the summer course may have students participate in field activities*** | Hiram College | X | X |
| **10** | Watershed Workbooks | Biology-diversity, complexity, interconnectedness: Lake Erie Watershed and stormwater management | NEOSRD | X |  |
| UWISLS\* | Biology- Ecology and Environment  ***Offered district wide; teachers completing the summer course may have students participate in field activities*** | Hiram College | X | X |
| **11** | UWISLS\* | Environmental Studies I -key concepts and principles in the environment, incorporates the core sciences  ***Offered district wide; teachers completing the summer course may have students participate in field activities*** | Hiram College | X | X |
| **12** | UWISLS\* | Environmental Studies I/Environmental Studies II  ***Offered district wide; teachers completing the summer course may have students participate in field activities*** | Hiram College | X | X |
| **4-12** | Adopt a Beach\* | Environmental Science-Great Lakes ecology  ***Offered district wide; teachers completing course may have students participate in field activities- dependent on funding*** | Alliance for Great Lakes | X | X |
| **9-12** | Project Lead the Way | STEM/CTE Pathway | St. Claire Community College |  | X |