



Jack Miner FIELD TRIP GUIDE

2023-2024

Life Systems Series | **Grade 1-9 Science**



Jack Miner Migratory Bird Sanctuary Education Programs are developed by Ontario Certified Teachers and designed to inspire wonder and engage learning, while meeting provincial curriculum standards. Our outdoor, nature-based STEAM education programs compliment and enhance classroom learning by providing students with hands-on activities and practical experiences to apply and extend their knowledge. The *Life Systems Series* focuses on the interconnection between living (biotic) and non-living (abiotic) things, the relationship between humans and the environment, and the impacts of human activities on habitats and ecosystems. Each program also comes with supplementary activities for teachers to assess student learning upon return to the classroom.

Grade	Program	Learning Goal	Strand	Specific Expectations	Duration*	Availability	Cost**
1-2	I Am a Field Naturalist	Assess the importance of a healthy environment for living and non-living things, and the responsibilities of humans in contributing to a healthy environment.	Life Systems: <i>Exploring & Understanding Concepts</i>	<u>Science 1:</u> B2.1, B2.2, B2.5, B2.6 <u>Science 2:</u> B1.2, B2.1, B2.5	Half-Day Visit (1.75 hrs)	Mar. - Nov.	\$6/Student <20 Students: \$120 Flat Fee
1-2, 4	Wild About Birds	Assess ways in which animals have an impact on society and the environment, and ways in which human activities have an impact on animals and the places where they live.	Life Systems: <i>Relating Science & Technology to Our Changing World, Exploring & Understanding Concepts</i>	<u>Science 1:</u> B1.1, B1.2, B2.2, B2.3 <u>Science 2:</u> B1.1, B1.2, B2.1, B2.5 <u>Science 4:</u> B1.1, B2.4, B2.5, B2.6	Half-Day Visit (1.75 hrs)	Mar. - Nov.	\$6/Student <20 Students: \$120 Flat Fee
3-4	Plant Postcards from Kennedy Woods	Describe the basic needs of plants, and the ways in which plants, animals, and humans depend on each other. Assess ways in which plants are beneficial to society and the environment.	Life Systems: <i>Relating Science & Technology to Our Changing World, Exploring & Understanding Concepts</i>	<u>Science 3:</u> B1.1, B1.2, B2.1, B2.8 <u>Science 4:</u> B1.1, B2.1, B2.2	Half-Day Visit (1.75 hrs)	Mar. - Nov.	\$6/Student <20 Students: \$120 Flat Fee
2-4	Who Lives Here? Why Here? Why Care?	Describe interrelations and interdependencies among organisms. Assess impacts of human activities on habitats and analyse actions for minimizing negative impacts & enhancing positive ones.	Life Systems: <i>Relating Science & Technology to Our Changing World, Exploring & Understanding Concepts</i>	<u>Science 2:</u> B1.1, B1.2, B2.1, B2.5 <u>Science 3:</u> B1.1, B1.2, B2.1, B2.8 <u>Science 4:</u> B1.1, B1.2, B2.1, B2.2	Half-Day Visit (1.75 hrs)	Mar. - Nov.	\$6/Student <20 Students: \$120 Flat Fee
5	Connecting with the Land	Analyse impacts of various social and environmental factors, human activities, and technologies on human health.	Life Systems: <i>Relating Science & Technology to Our Changing World</i>	<u>Science 5:</u> B1.1, B1.2	Full-Day Visit (3.5 hrs)	Mar. - Nov.	\$12/Student <20 Students: \$240 Flat Fee
6-7	Bioblitz: Species Inventory	Assess the importance of biodiversity and describe ways of protecting biodiversity.	Life Systems: <i>Relating Science & Technology to Our Changing World, Exploring & Understanding Concepts</i>	<u>Science 6:</u> B1.1, B2.1, B2.2, B2.3, B2.4 <u>Science 7:</u> B2.1, B2.2, B2.3, B2.4	Full-Day Visit (3.5 hrs)	Mar. - Nov.	\$12/Student <20 Students: \$240 Flat Fee
7	Sustainability: What's your Perspective?	Assess the impact of human activities and technologies on the environment and analyse ways to mitigate negative impacts and contribute to environmental sustainability.	Life Systems: <i>Relating Science & Technology to Our Changing World, Exploring & Understanding Concepts</i>	<u>Science 7:</u> B1.1, B1.2, B2.1, B2.2, B2.3, B2.8	Full-Day Visit (3.5 hrs)	Mar. - Nov.	\$12/Student <20 Students: \$240 Flat Fee
6-9	Go with the Flow	Assess water quality, aquatic ecosystems, and the impact of human activities on aquatic ecosystems, and the sustainability of water resources.	Life Systems: <i>Relating Science & Technology to Our Changing World, Exploring & Understanding Concepts</i> Earth & Space Systems: <i>Relating Science & Technology to Our Changing World</i> Biology: <i>Sustainable Ecosystems & Human Activity</i>	<u>Science 6:</u> B1.1, B2.1, B2.2, B2.3, B2.4 <u>Science 7:</u> B2.1, B2.2, B2.3, B2.4, B2.7, B2.8 <u>Science 8:</u> E1.1, E1.3, E2.2, E2.3, E2.6 <u>SNC1D:</u> B1.1, B2.1, B2.2 <u>SNC1P:</u> B1.1, B2.1, B2.5	Full-Day Visit (3-3.5 hrs)	Mar. - Nov.	\$12/Student <20 Students: \$240 Flat Fee



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*Program duration can be modified to accommodate bussing/bell schedules

**Teachers & chaperones FREE

**Insured
&
Evacuation
Plans in Use!**