

Night Journey Theme	Activity Preview	Suggested Age Range	Max. Group Size	School Curriculum Concepts*	Scout Badge Connections*
Crimes, Codes, and Clues <i>Now with Two Mysteries to Choose From!</i>	Mystery 1: A Mysterious Letter <ul style="list-style-type: none"> Our original mystery. Use logic, careful observation, fingerprinting, DNA analysis, and encryption to solve an exciting mystery. 	8-10 years old	60	Observing and Analyzing Data, Building Evidence-based Arguments	Detective (Junior); Forensics (Bear)
	Mystery 2: Feline Forensics <ul style="list-style-type: none"> A brand-new mystery designed for groups larger than 50 people, or groups who have already solved Mystery 1. Use logic, careful observation, fingerprinting, DNA analysis, and encryption to solve an exciting mystery. 	8-10 years old	120		
Engineering Design Challenge	<ul style="list-style-type: none"> Learn about engineers and the Engineering Design Process (EDP). Employ the EDP to design, build, and test a new kind of helmet. Expand your civil engineering skills by building a bridge that can span the gap and stand up to the wind. 	6-12 years old	120	Engineering Design and Process	Engineer (Webelos/AOL)
Ocean Life	<ul style="list-style-type: none"> Learn about ocean habitats, life cycles, food chains, and adaptations. Dissect a squid. Play a game that connects plankton to tide pools and whales, then handle relevant biofacts from our collection and explore a fin whale. Visit our tide pool exhibit and meet some native tide pool creatures! 	6-12 years old	120	Animal Adaptations & Habitats, Examining Structure & Function	Animal Habitats (Junior)
Science After Dark	<ul style="list-style-type: none"> Explore why we are afraid of the dark and how we can overcome this fear. Experiment with human night vision and make connections between the nocturnal adaptations of humans and animals. Take a guided Night Hike on our grounds (<i>weather permitting</i>). <p><i>Note: This theme is not available December through February.</i></p>	8-12 years old	60	Animal Adaptations & Habitats, Universe and its Stars	Night Owl (Cadette)
Science For Wizards	<ul style="list-style-type: none"> Learn about the scientific method and perform 'magic' through hands-on science experiments and demonstrations. Attend a few of the following wizard classes: Astronomy, Care of Magnificent Creatures, Charms, Herbology, Potions, and "Detention". (<i>Class offerings vary by night. Astronomy and Potions are always offered.</i>) Robes, wands, and fanaticism for popular wizard books are not required. 	6-12 years old	120	Scientific Method, Matter and its Interactions	Home Scientist (Brownie); Science Everywhere (NOVA Award)
Stars & Space	<ul style="list-style-type: none"> Explore the solar system, constellations, and universe through two live planetarium programs and a full-dome astronomy movie. Learn about human exploration on Mars, then design and test your own Mars lander (egg drop). Observe celestial bodies through a telescope (<i>weather permitting</i>). 	6-14 years old	100	Earth's Place in the Solar System, Universe and its Stars, Using Models and Scientific Tools	Sky is the Limit (Tiger)

*More information about school curriculum and badge connections is available by emailing overnight@ecotarium.org or by calling 508.929.2721.

Selecting a Night Journey Theme

Every Night Journey experience has a fun and educational theme that guides and connects your group's activities. You may choose any of our seven exciting themes for your overnight programming. Information about each theme is available on the reverse of this form. Guests should not expect to earn a complete badge during their Night Journey.

The deadline for submitting your theme selection is one month before the date of your Night Journey.

Information for our Overnight Program Coordinator

Group Name: _____ From: _____ (Town, State)

Current Estimate of Group Size: _____ Date of Night Journey: _____

Theme Selection: _____ (NOTE: Only one theme per Night Journey.)

Please indicate any specific learning-style requests or other learning and behavioral needs that we should be aware of:

Submission Options – Please submit your Night Journey theme at least one month in advance in **one** of the following ways:

- ❖ **Call** our Overnight Program Coordinator at 508.929.2721.
- ❖ **Email** our Overnight Program Coordinator at overnight@ecotarium.org.
- ❖ **Fax** this form to us at 508.929.2701.
- ❖ **Mail** this form to us at:
Night Journeys at The EcoTarium
222 Harrington Way
Worcester, MA 01604

