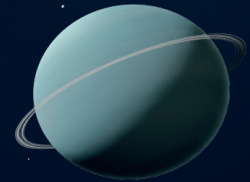


Educational Alignment for Little Eve: Stories of Planet Earth (School Version)

Based on the Next Generation Science Standards (NGSS)

Little Eve: Stories of Planet Earth is a 29-minute full-dome film designed for children in early elementary school (**Grades K–2**), with optional enrichment value for **Grades 3–5**. Combining visually stunning animation, emotional storytelling, and scientific accuracy, the film supports science education across several NGSS domains, particularly in Earth & Space Science and Life Science. It also includes social-emotional learning components and encourages environmental awareness.



Core Disciplinary Areas

- **ESS1.A** – The Universe and Its Stars
- **ESS1.B** – Earth and the Solar System
- **LS1.C** – Organization for Matter and Energy Flow in Organisms
- **LS3.A** – Inheritance of Traits
- **LS3.B** – Variation of Traits
- **LS4.A** – Evidence of Evolution
- **LS4.C** – Adaptation
- **LS4.D** – Biodiversity and Humans
- **ETS1.A** – Defining and Delimiting Engineering Problems (via problem-solving theme)



Target Grades

- Primary focus: **Grades K–2**
- Enrichment level: **Grades 3–5**

NGSS Performance Expectations (PEs)

EARTH & SPACE SCIENCE

- **K-ESS1-1**: Use observations of the sun, moon, and stars to describe patterns.
- **1-ESS1-1**: Identify and describe observable patterns of celestial bodies.
- **5-ESS1-1**: Support an argument that the apparent brightness of stars is related to their distance from Earth.
- The Solar System chapter introduces children to the relative size and brightness of planets like Jupiter, Venus, Saturn, and Earth. These comparisons illustrate that Earth is not the biggest or brightest, but it is unique in sustaining life.

NGSS Performance Expectations (PEs)

LIFE SCIENCE

- **2-LS4-1:** Observe diversity of life in various habitats.
 - Dinosaur-age segment and proto-squirrel story emphasize life in extreme conditions and adaptability.
- **3-LS3-1 / 3-LS3-2:** Inheritance and variation of traits.
 - Characters in the film highlight how traits affect survival and how change is necessary for persistence.
- **3-LS4-1 to 3-LS4-4:** Evidence of evolution and adaptation.
 - The story of the first cell evolving into more complex organisms and mammals rising after dinosaurs models key concepts of adaptation and evolutionary change.
- **4-LS1-1:** Relate animal structures to survival.
 - Highlighted in the proto-squirrel story where ingenuity and physical traits enable survival against predators.

Cross-Curricular Competencies

- Social-Emotional Learning (SEL):
 - Builds emotional resilience as Eve overcomes fear and finds strength through her mother's stories
 - Promotes persistence, confidence, and creative problem solving through relatable narrative structure
- STEM Identity Development:
 - Encourages fascination with space and science
 - Helps children relate to science through accessible storytelling and character-driven narrative
- Environmental Education:
 - Demonstrates Earth's uniqueness in the universe
 - Promotes appreciation and protection of our planet



Summary

Little Eve is aligned with NGSS goals across multiple domains, with particularly strong connections to Life Science and Earth & Space Science standards for Grades K–5. It supports classroom teaching with an accessible, emotionally engaging story that blends science with values such as perseverance and curiosity.

Planetariums and educators can use the film as both a science enrichment tool and a catalyst for broader classroom discussion.

Teachers may extend learning through classroom follow-up, such as:

- Discussion questions: „What makes Earth special?“ or „Why did the squirrel survive when dinosaurs didn't?“
- Drawing or writing prompts: „What's your hidden strength, like Eve's?“
- Activity ideas: Build a timeline of life on Earth based on the film's three stories.

