1st Grade Life Cycles LESSON PLANNER

Strand(s):	SOL objectives:
Science: Life Cycles, Change	Life Processes 1.4, 1.5l Earth Systems 1.7 Technology NETS 1:1.5, NETS 6:1.3

1. DESIRED RESULTS

Enduring Understandings (BIG ideas)

Change exists in life cycles.

Essential Questions	***Knowledge and Skills***
1. How do animals change? 2. How do humans change? 3. How are life cycles similar and different?	• Characteristics of plant and animal life cycles • Examples of how plants and animals change • Use Kidspiration to show a life cycle
	(Subject) Vocabulary • Life cycle (particular stages of a plant and butterfly)

2. ASSESSMENT EVIDENCE

Prior knowledge	Ongoing throughout lesson	By the end of the lesson
• What a life cycle is • Examples of plants' and animals' life cycles	• Sequencing the life cycle of a plant or animal correctly • Choosing pictures and / or words that identify the stages	• Have a print out of one complete life cycle with a title and labels.

3. LEARNING ACTIVITIES/INSTRUCTION (35-45 min)

Introduction (hook)	What students are doing	Conclusion
• Show a video clip of a life cycle – Monarch Butterfly from unitedstreaming.com (4 minutes)	1. Watch Video 2. Log-in 3. Open Kidspiration 4. Create a life cycle using arrows and Kidspiration pictures 5. Label life cycle stages and give a title to work 6. Save work as NameLifecycle 7. Check with an adult 8. Print out one copy.	Have students share their life cycles in small groups.

Accommodations	***Materials and Resources***
Extra support: Provide a template with stages already in Kidspiration, so students don't have to sort through as many pictures Enrichment or early finishers: Create a life cycle of a plant and a life cycle of an animal. Depict a life cycle of a human. Write a story of the lifecycle. Various learning styles: Provide audio and visual stimulation. Act out human life stages. Limited English proficiency: Provide a picture dictionary and visual cues.	Wireless Lab Unitedstreaming Video Kidspiration and Internet Visual Cues of life cycle stages

Related Technology	*Literature Connections*
Wireless Lab Unitedstreaming Video Kidspiration	Books on life cycles, plants, and animals

4. WRAP-UP (5-10 min)

Assessment	*Homework*
Evidence of student learning/understanding A print out of the life cycle, which shows accurate depiction of life cycle stages in sequence with title and labels	Share life cycle with family.

5. TEACHER REFLECTION

- Were my students talking about science, or was I doing all of the talking and students were just listening to me?
- Were my students engaged at the beginning of the lesson?
- How much time did I spend reviewing homework, and how much time did I spend on new material?
- Did the students respond to "How" and "Why" questions?
- Did my students have an opportunity to discuss and/or write about mathematics?
- What changes would I make next time the lesson is taught?
- What steps do I need to take next in this topic?