Unit 3 - Traits

Pacing Guide using Mystery Science

Day	Lesson	Activities	Approximate Time
1	**Mystery Science: Animals Through Time** Trait Variation, Inheritance & Artificial Selection Lesson 4: What kinds of animals might there be in the future?	1. Mystery Science Exploration Video 2. Extension Video for Lesson: Speedy Saluki	Exploration Video - 25 minutes Extension Video - 5 minutes
2	**Mystery Science: Animals Through Time** Trait Variation, Inheritance & Artificial Selection Lesson 4: What kinds of animals might there be in the future?	1. Mystery Science Hands on Activity 2. Book: Traits and Attributes	Hands on Activity - 25 minutes Book - 5 minutes
3	**Mystery Science: Animals Through Time** Trait Variation, Natural Selection & Survival Lesson 5: Can selection happen without people?	1. Mystery Science Exploration Video 2. Review of Lesson (Google Form)	Exploration Video - 15 minutes Google Form - 15 minutes
4	**Mystery Science: Animals Through Time** Trait Variation, Natural Selection & Survival Lesson 5: Can selection happen without people?	1. Mystery Science Hands on Activity	Hands on Activity - 35+ minutes
5	**Mystery Science: Animals Through Time** Trait Variation, Natural Selection & Survival Lesson 5: Can selection happen without people?	1. Finish Mystery Science Hands on Activity 2. Mystery Science Wrap-up	Finish Hands on Activity Wrap-up Video - 5 minutes

6	**Mystery Science: Animals Through Time** Traits & Environmental Variation Lesson 7: How long can people (and animals) survive in outer space?	1. Mystery Science Exploration & Wrap-up Videos 2. Review of Lesson (Google Form)	Exploration Video - 16 minutes Wrap-up Video - 4 minutes Google Form - 10 mins
7	**Mystery Science: Power of Flowers** Trait Variation, Inheritance & Artificial Selection Lesson 3: Why are some apples red and some green?	1. Mystery Science Exploration Video 2. Review of Lesson (Google Form)	Exploration Video - 25 minutes Google Form - 5 minutes
8	**Mystery Science: Power of Flowers** Trait Variation, Inheritance & Artificial Selection Lesson 3: Why are some apples red and some green?	1. Mystery Science Hands on Activity	Hands on Activity - 30+ minutes
9	**Mystery Science: Power of Flowers** Trait Variation, Inheritance & Artificial Selection Lesson 4: How could you make the biggest fruit in the world?	1. Mystery Science Exploration Video 2. Review of Lesson (Google Form)	Exploration Video - 20 minutes Google Form - 10 minutes
10	**Mystery Science: Power of Flowers** Trait Variation, Inheritance & Artificial Selection Lesson 4: How could you make the biggest fruit in the world?	1. Mystery Science Hands on Activity	Hands On Activity - 35+ minutes
11	**Mystery Science: Power of Flowers** Trait Variation, Inheritance & Artificial Selection Lesson 4: How could you make the biggest fruit in the world?	1. Finish Mystery Science Hands on Activity 2. Mystery Science Wrap-Up	Finish Hands On Activity Wrap-Up - 5 minutes