



Grade 5

Mystery Science recommends teaching the Mysteries within each unit in the order they are presented. The units themselves can be taught in any order. The core Mystery (exploration & activity) is designed to take an hour per week. Extensions can expand upon each lesson.

	Web of Life (6-12 weeks)	Watery Planet (4-8 weeks)	Spaceship Earth (8-16 weeks)	Chemical Magic (5-10 weeks)
Week 1	Mystery 1: Why would a hawk move to New York City? (5-LS2-1)	Mystery 1: How much water is in the world? (5-ESS2-2)	Mystery 1: How fast does the Earth spin? (5-ESS1-2)	Mystery 1: Are magic potions real? (5-PS1-1, 5-PS1-2)
Week 2	Mystery 2: What do plants eat? (5-LS1-1, 5-LS2-1)	Mystery 2: When you turn on the faucet, where does the water come from? (5-ESS2-2)	Mystery 2: Who set the first clock? (5-ESS1-2)	Mystery 2: Could you transform something worthless into gold? (5-PS1-1, 5-PS1-2)
Week 3	Mystery 3: Where do fallen leaves go? (5-LS2-1)	Mystery 3: Can we make it rain? (5-ESS2-1)	Mystery 3: How can the Sun tell you the season? (5-ESS1-2)	Mystery 3: What would happen if you drank a glass of acid? (5-PS1-3)
Week 4	Mystery 4: Do worms really eat dirt? (5-LS2-1)	Mystery 4: How can you save a town from a hurricane? (5-ESS2, 5-ESS3-1), 3-5-ETS1-1, 3-5-ETS1-2, 3-5-ETS1-3)	Mystery 4: Why do the stars change with the seasons? (5-ESS1-2)	Mystery 4: What do fireworks, rubber, and silly putty have in common? (5-PS1-4)
Week 5	Mystery 5: Why do you have to clean a fish tank but not a pond? (5-LS2-1)		Mystery 5: Why does the Moon change shape? (5-ESS1-2)	Mystery 5: Why do some things explode? (5-PS1-1)
Week 6	Mystery 6: Why did the dinosaurs go extinct? (5-PS3-1)		Mystery 6: What are the wandering stars? (5-ESS1-2)	
Week 7			Mystery 7: Why is gravity different on other planets? (5-PS2-1)	
Week 8			Mystery 8: Could there be life on other planets? (5-ESS1-1)	

Lesson Extensions. Extensions are available for each Mystery and offer an opportunity for students to continue their science content learning. They include assessments and a curated collection of additional activity suggestions, online resources, project ideas, and readings.

More Science each week	Longer Science units	Cross Curricular Integration
Use items from the Extensions if you have more time.	Add a week after each Mystery to teach items from the Extensions.	If you want to extend the Mystery during literacy time, use reading and writing Extensions.