Grade	Teacher Resources Full Year TG	Unit	Lesson #	Focus	Lesson Question and Link	Standard Prioritized	Lesson Prep	Mystery Pack Materials	Vocabulary Slides	Mini-Lesson Extension
Grade 3	Unit 1 Anchor Layer Teacher Guide Unit 1 Student Printouts Unidad 1 Student Printouts Spanish	1 Fossils & Changing Environments	AL	Anchor Layer	Watery Cave		Prep Instructions See, Think, Wonder- 1 per student Watery Cave 1 per student	☐		
			1	Habitats, Fossils, & Environments Over Time	Where can you find whales in a desert?	3-LS4-1	Prep Instructions Fossil Dig - 1 per student Fossil Dig Questions - 1 per student Mystery Fossils - 1 per partnership Dot stickers	☑	English Spanish	What was the Ice Age like? What's the biggest shark that ever lived?
			2	Fossil Evidence & Dinosaurs	How do we know what dinosaurs looked like?	3-LS4-1	Prep Instructions Animal Bone Cards A, B, C -1 per pair Dinosaur Decisions - 1 per student Extra Evidence Bone Cards - 1 per group	☐	English Spanish	Were dragons ever real? Are unicorns real?
			3	Fossil Evidence, Trace Fossils, & Animal Behavior	Can you outrun a dinosaur?	3-LS4-1	Prep Instructions Dinosaur Footprints (Inches) 1 per class Run for your life! (inches) 1 per student	☑	English Spanish	
			PT	Performance Task	How are you part of the watery cave's	3-LS4-1	Choose one option below. Print 1 per student My Watery Cave My Watery Cave Informational Text Option My Watery Cave Opinion Text Option	☐		
	Unit 2 Anchor Layer Teacher Guide Unit 2 Student Printouts Unidad 2 Student Printouts Spanish	2 **Life Cycles** **Aligns to CKLA D2** Lesson 4 you will need a variety of fruits and veggies that are NOT in the Mystery Pack	AL	Anchor Layer	Saguaro Cycles	3-LS1-1	See, Think, Wonder- 1 per student Spotting Cycles - 1 per student	☐		
			1	Animal Life Cycles	How is your life like an alligator's life?	3-LS1-1	Birthday Buddies Animal Cards- 1 per pair Birthday Buddies Timeline- 1 per student Glue Sticks - 1 per student Scissors - 1 per student Scrap Paper (8.5 x 11")- 1 per student	☐	English Spanish	Are butterflies the only animals that start out as caterpillars? Why do flies just appear in the trash?
			2	Environmental Change & Engineering	What's the best way to get rid of mosquitoes?	3-LS4-4, 3-5-ETS1-2	Prep Instructions Bug Off! Backyard - 1 per student Bug Off! Picnic Area printout- 1 per student Bug Off! Playground printout- 1 per student Problem Solver's Sheet- 1 per student	☐	English Spanish	Why do bug bites itch? What is the most dangerous animal in the world?
			3	Pollination & Plant Reproduction	Why do plants grow flowers?	Foundational for 3-LS1-1	Make a Flower printout - 1 per student	☑	English Spanish	Why do we have allergies?
			4	Seed Dispersal & Plant Life Cycle	Why do plants give us fruit?	Foundational for 3-LS1-1	Prep Instructions Science Fruit or Science Vegetable -1 per student Science Fruit or Science Vegetable Answer Key- 1 per class	☑	English Spanish	Is a tomato a fruit or a vegetable?
			5	Plant Life Cycles	Why are there so many different kinds of flowers?	3-LS1-1	Future Flowers Rules Sheet printout-1 per pair My Tiny Garden printout- 2 per pair Plant Cards & Card Station- 1 per pair Score Sheets & Bee Cards printout- 1 per pair Scissors- 1 per student	☐	English Spanish	How do bees make honey?
			PT	Performance Task	Why are some saguaro so small?	3-LS1-1	Saguaro Life Cycle - 1 per student Saguaro Life Cycle Answer Key- 1 per class	☐		
	Unit 3 Anchor Layer Teacher Guide Unit 3 Student Printouts Unidad 3 Student Printouts Spanish	3 **Heredity, Survival, & Selection** **Aligns to CKLA D2**	AL	Anchor Layer	Animals Around Us	3-LS4-3	Amazing Ants -1 per student Think See Wonder - 1 per student	☐		
			1	Traits & Inheritance	How do you identify a mysterious fruit?	3-LS3-1	Prep Instructions Fruit Cards - 1 per pair Fruit Cards Answer Key - 1 per class Fruit Market - 1 per student Fruit Market Answer Key - 1 per class	☐	English Spanish	Why are pumpkins orange?
			2	Trait Variation, Inheritance, & Artificial Selection	What do dogs and pigeons have in common?	3-LS3-1	Pigeon Crads- 1 per pair Pigeon pairiings - 1 per pair pigeon answer key- 1 per class	☐	English Spanish	Can a shark and a dolphin have babies?
			3	Trait Variation, Survival, & Natural Selection	How could a lizard's toes help it survive?	3-LS4-3, 3-LS3-1, 3-LS4-2	Adopt a Lizard- 1per 3 studetns Adopt a lizard Answer Key- 1 per class Baby Lizard- 1 per pair How many lizards?- 1 per student	☐	English Spanish	
			4	Animal Groups & Survival	Why do some animals live in groups?	3-LS2-1	Field Journal- printout 1 per student Field Journal Answer Key- 1 per class Stapler	☐	English Spanish	Why do wolves howl at the Moon? Are killer whales really dangerous?
			5	Traits & Environmental Variation	How long can people (and animals) survive in outer space?	3-LS3-2	Prep Instrutions Traits in Space- 1 per student Traits in Space Answer Key- 1 per class Post-it- 1 per student Rulers - 1 per student	☑	English Spanish	How do astronauts get ready for space?
			PT	Performance Task	Why do ants live in colonies?	3-LS2-1	Who won the food?	☐		

	Unit 4 Anchor Layer Teacher Guide Unit 4 Student Printouts Unidad 4 Student Printouts Spanish	4 Weather & Climate	AL	Anchor Layer	Summer Ice Storm	3-ESS2-1 3-ESS2-2 3-ESS3-1	See Think Wonder chart - 1 per student Summer Ice Storm- 1 per student Summer Ice Storm Answer Key- 1 per class Summer Ice Storm Hail Protection- 1 per pair (Not needed until after Lesson4)	☐		
			1	Water Cycle & Phases of Matter	Where do clouds come from?	Foundational for 3-ESS2-1	Prep Instructions Gas trap experiment- 1 per student	☑	English Spanish	How is syrup made?
			2	Local Weather Patterns & Weather Prediction	How can we predict when it's going to storm?	Foundational for 3-ESS2-1	Prep Instructions Storm Spotter's Guide- 1 per student Will it Storm? - 1 per student Will it Storm Answer Key- 1 per class Scissors- 1 per student	☐	English Spanish	
			3	Seasonal Weather Patterns	Where's the best place to build a snow fort?	3-ESS2-1	Thermometers (F)- 1 per pair Thermometers (C)- 1 per pair What's the weather - 1 per pair What's the weather Answer Key - 1 per class Crayons- 2 per pair	☐	English Spanish	What is the coldest place on Earth?
			4	Climate & Global Weather Patterns	Why are some places always hot?	3-ESS2-1, 3-ESS2-2	Americas Map & Climates -1 per student Asia & Australia Map & Climates-1 per student Europe & Africa Map & Climates-1 per student Maps & Climates Answer Key- 1 per class Colored pencils- 6 per student Rulers- 1 per student	☐	English Spanish	How do polar animals survive the cold?
			5	Natural Hazards & Engineering	How can you keep a house from blowing away in a windstorm?	3-ESS3-1, 3-5-ETS1-1, 3-5-ETS1-2, 3-5-ETS1-3	Prep Instructions Design a Windproof House - 1 per student Paper House Model- 1 per student Windmaker printout- 1 per student Scratch paper -1 per pair Scissors- 1 per student	☑	English Spanish	Why are tornadoes so hard to predict? What's worse: a hurricane or a tornado?
			PT	Performance Task	Can we predict when it's going to hail?	3-ESS2-1 3-ESS2-2 3-ESS3-1	Prep Instructions Future Hailstorm Prediction- 1 per student Hailstorm Data Packet- 1 per group Past Hailstorm Patterns - 1 per student	☐		
	Unit 5 Anchor Layer Teacher Guide Unit 5 Student Printouts Unidad 5 Student Printouts Spanish	**5** **Forces, Motion, & Magnets** U5 Lesson 2 requires pennies to test bridges. They suggest brining in 400 pennies.	AL	Anchor Layer	Ice Board	3-PS2-1 3-PS2-3 3-5-ETS1-1 3-5-ETS1-2	Ice Board worksheet- 1 per student See Think Wonder- 1 per student The biggest magnent in the world- 1 per student (Not needed until after Mystery 4)	☐		
			1	Balanced & Unbalanced Forces	How could you win a tug-of-war against a bunch of adults?	3-PS2-1	Prep Instructions High Hop- printout 1 per student Hopper Popper Teacher Tips- printout 1 per class Launch Pad -printout 1 per student	☑	English Spanish	
			2	Balanced Forces & Engineering	What makes bridges so strong?	3-5-ETS1-1, 3-5-ETS1-2, 3-5-ETS1-3	Prep Instructions Bridge Challenge- 1 per student Bridge Designer's Notebook- 1 per studnt Building Bridges Teacher Tips - 1 per class	☐	English Spanish	How do you build a bridge that lasts for 100 years?
			3	Patterns of Motion, Gravity, & Friction	How high can you swing on a flying trapeze?	3-PS2-2	Prep Instructions Trapeze Training - 1 per student Trapeze Training Answer Key- 1 per class	☑	English Spanish	
			4	Magnets & Forces	What can magnets do?	3-PS2-3	Prep Instructions Ideas for magnent experiments- 1 per student Magnents are Weird- 1 per student	☑	English Spanish	How are magnets made?
			5	Magnets & Engineering	How can you unlock a door using a magnet?	3-PS2-4, 3-5-ETS1-1, 3-5-ETS1-2	Prep Instructions	☑	English Spanish	
			PT	Performance Task	Can you design a new ice board? PT (Required LPA)	3-5-ETS1-1 3-5-ETS1-2	Prep Instructions Ice Board Designer- 1 per student Ice Board Rider Cutouts- 5 per class	☐		
				If a lesson has been highlighted in red it means the lesson's standard has been covered in CKLA, and is optional.						
				If text is purple it means a Spanish resource has been linked.						
				If text is blue it means an English resource has been linked						
				If text is black and underlined it's linked to both an English and Spanish resource						
				If prep instructions have been highlighted yellow it means advanced prep is required						