Grade	Teacher Resources Year Long TG	Unit	Lesson #	Focus	Lesson Question and Link	Standard Prioritized	Lesson Prep	Mystery Pack Materials	Vocabulary Slides	Mini-Lesson Extension Linked
Grade 2	Unit 1 Anchor Layer Teacher Guide Unit 1 Student Printouts Unit 1 Student Printouts Spanish	1 Animal Biodiversity & Habitats	AL	Anchor Layer	Life Underground	2-LS4-1	Bat Rest Stop Lugar de descanso para murciélagos Bracken Cave Cueva Bracken See-Think-Wonder Tabla de ve, piensa, pregunta	☐		
			1	Biodiversity & Classification	How many different kinds of animals are there?	Foundational for 2-LS4-1	Prep Instructions Animal Cards Tarjetas de animales Challenge Cards Tarjetas de reto	☐	English Spanish	Which animal has the biggest heart?
			2	Habitat Diversity	Why would a wild animal visit a playground?	2-LS4-1	Habitat Journal Diario de habitát	☐	English Spanish	How do scientists learn about wild animals? What's at the bottom of the ocean? Why do we get head lice?
			3	Biodiversity, Habitats, & Species	Why do frogs say "ribbit"?	2-LS4-1	Who's Calling? ¿A quién pertenece a llamado?	☐	English Spanish	Why do owls say "hoo"?
			4	Biodiversity & Engineering	How could you get more birds to visit a bird feeder?	K-2-ETS1-1, K-2-ETS1-2	Prep Instructions -Paper hole punch -Scissors (1 per pair) -Scotch tape Bird Feeder Inspiration Inspiración para tu comedero de aves My Bird Feeder Mi comedero de pájaros	☑	English Spanish	Where do scarecrows come from?
			PT	Performance Task	Where else do bats live?	2-LS4-1	Bat Habitats Hábitats de murciélagos	☐		
	Unit 2 Anchor Layer Teacher Guide Unit 2 Student Printouts Unit 2 Student Printouts Spanish	2 Plant Growth & Interactions	AL	Anchor Layer	Superbloom	2-LS2-1	See-Think-Wonder Tabla de ve, piensa, pregunta Superbloom Cycle Ciclo de la superlafloración	☐		
			1	Seed Dispersal	How did a tree travel halfway around the world?	2-LS2-2, K-2-ETS1-2	Prep Instructions -Scissors (1 per pair) Koa Seed Models Modelos de koa Maple Seed Models Modelos de arces Rain Tree Models Modelos de árboles de la lluvia	☑	English Spanish	
			2	Animal Seed Dispersal	Why do seeds have so many different shapes?	2-LS2-2	Prep Instructions -Markers (1 per student) -White glue Fluffadoo Seed Travel Transporte de semillas	☑	English Spanish	
			3	Pollination	Why do you find flowers and bees together?	2-LS2-2	Prep Instructions Flower Model printout ENG/SPA Pollen Partners printout ENG/SPA Pollen Partners - Answer Key ENG/SPA Pollen variety- 1 TBSP per group crayons- 3 per student glue sticks- 1 per student	☑	English Spanish	
			4	Water, Sunlight, & Plant Growth	Could a plant survive without light?	2-LS2-1	Prep Instructions -Crayons (1 yellow, 1 green per student) Draw the Radishes Dibuja los rábanos	☑	English Spanish	
			5	Plant Needs & Habitats	How much water should you give a plant?	2-LS2-1	-Crayons (blue, yellow, green, red, brown -Glue sticks (1 per student) -Scissors (1 per student) Build Your Own Experiment Diseña to propio experimento Sunlight Experiment Experimento con luz solar Water Experiment Experimento con aqua	☐	English Spanish	How many kinds of cacti are there?
			PT	Performance Task	How can anything live in Death Valley?	2-ESS2-3	Water and Life in Dry Death Valley La vida y el aqua en el Valle de la Muerte	☐		
			AL	Anchor Layer	Strange River	2-ESS1-1	See-Think-Wonder Tabla de ve, piensa, pregunta Strange River - 2 per student Río Extraño - 2per student	☐		

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	Unit 3 Anchor Layer Teacher Guide Unit 3 Student Printouts Unit 3 Student Printouts Spanish	3 Erosion & Earth's Surface	1	Mapping Landforms & Bodies of Water	Where's the best place to hide a treasure?	2-ESS2-2	Scissors - 1 per student Glue Stick- 1 per student Map Pieces- printout 1 per pair Piesas del mapa- printout 1 per pair Treasure Map- printout 1 per student Mapa del tesoro- printout 1 per student Teasure Map Answer Key- 1 per class	☐	English Spanish	
			2	Mapping: Mountains & Rivers	If you floated down a river, where would you end up?	2-ESS2-2, 2-ESS2-3	Prep Instruction Crumple Mountain Base - ENG/SPA 1 per pai	☑	English Spanish	
			3	Rocks, Sand, & Erosion	Why is there sand at the beach?	2-ESS2-2	Prep Instruction Draw River Rocks - Printout 1 per student Dibuja las piedras en el río. - 1 per student River- 1 per group ENG/SPA	☑	English Spanish	
			4	Mapping & Severe Weather	Where do flash floods happen?	2-ESS1-1, 2-ESS2-2	Crayons Scissors Flash Flood Finder -Printout Descubridor de inundaciones repentinas Texas Explorer Map- Printout Explorador Tejano	☐	English Spanish	
			5	Erosion, Earth's Surface, & Landforms	What's strong enough to make a canyon?	2-ESS1-1	Prep Instructions Cornmeal Canyon Prep Instructions How did water change - Printout ¿Cómo cambió tu terreno? - Printout	☑	English Spanish	Why don't islands float away?
			6	Erosion & Engineering	How can you stop a landslide?	2-ESS2-1, K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3	Prep Instructions Erosion Engineering Prep Instructions Save the hills - printout Salva las colinas- printout	☑	English Spanish	
			PT	Performance Task	How long is the shortest river?	2-ESS2-2	shortest river- printout El río más corto- printout	☐		
	Unit 4 Anchor Layer Teacher Guide Unit 4 Student Printouts Unit 4 Student Printouts Spanish	4 Material Properties	AL	Anchor Layer	Melting Metal	2-PS1-1, 2-PS1-2, 2-PS1-3	See-Think-Wonder Tabla de ve, piensa, pregunta Beat The Heat- 1 per student Gánale el calor - 1 per student	☐		
			1	Material Properties & Engineering	Why do we wear clothes?	2-PS1-2, K-2-ETS1-1, K-2-ETS1-2	Prep Instructions Hat Inspiration- printout 1 per group Inspiración de un sombrero loco Mad Hatters - Printout 1 per student Sombrero Loco- Printout 1 per student	☑	English Spanish	How do erasers erase?
			2	Classify Materials: Insulators & Conductors	Can you really fry an egg on a hot sidewalk?	2-PS1-1, 2-PS1-2	Prep Instructions Feel the Heat- Printout 1 per student Siente el calor- Printout 1 per student Feel the Heat Answer Key- 1 for teacher	☑	English Spanish	
			3	Material Building Blocks & Engineering	Could you build a house out of paper?	2-PS1-3, K-2-ETS1-3	Prep Instructions Paper Tower- Printout 1 per class Torres de papel - Printout 1 per class	☑	English Spanish	How do they turn wood into paper?
			4	Soil Properties	How do you build a city out of mud?	2-PS1-1, 2-PS1-2	Prep Instructions Mystery Mud- printout 1 per student Lodo Misterioso- printout 1 per student Mystery Mud Answer Key- 1 per teacher	☑	English Spanish	Could you build a real house out of cookies and candy?
			PT	Performance Task	How do we recycle metal?	2-PS1-4	Recycle with Fire - printout 1 per student Recicla usando fuego- 1 per student	☐		
	Unit 5 Anchor Layer Teacher Guide Unit 5 Student Printouts Unit 5 Student Printouts Spanish	5 States of Matter	AL	Anchor Layer	Flow and Freeze	2-PS1-4	See -Think-Wonder Tabla de ve, piensa, pregunta	☐		
			1	Liquid Water & Solid Ice	Where do animals find the water they need?	2-ESS2-3	Water Journal - Printout 1 per student Diario del agua- 1 per studetn Water Journal Answer Key- 1 per class	☐	English Spanish	Why can we see our breath in the cold?
			2	Reversible & Irreversible Changes	How is an ice cube like a crayon?	2-PS1-4	Art Supply Standoff- 1 per student Materiales de Arte- 1 per student Breakfast Brawl -1 per student La pelea del desayuno - 1 per student Ultimate Undo Answer Key- 1 per class	☐	English Spanish	How is butter made?
			3	Heating, Cooling, & States of Matter	Why are so many toys made out of plastic?	2-PS1-2, 2-PS1-4	Prep Instructions Testing Candy- Printout 1 per student Probando Dulces - 1 per student	☑	English Spanish	How were LEGO bricks invented?
			PT	Performance Task	How can we make bubble crack instead of pop?	2-PS1-4	Cracking Bubbles- 1 per student Rompiendo Burbujas- 1 per student	☐		

	If a lesson has been hilighted in light blue it means the lesson's standard has been covered by TH/SH and you will need to teach the TH/SH lesson to ensure coverage of the standard
	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 prep instructions have been highlighted yellow it means advanced prep is required
	Updated from last year. Student activity page needs to be printed.