



Page 1 of 8
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Be sure to have the STEMscopes App in ClassLink open before you click the links in the IPC.

Grade Level: 4th Gr	rade Written by Molly Murador-Cobb	□1 st □2 nd <mark>□3rd</mark> □4 th □5 th □6 th Six Weeks
Standards Assigned to Unit/Six Week	Scope 6: Properties of Soil 4.7(A) examine properties of soils, inclusive support the growth of plants (R) Scope 7: Changes to Land	ding color and texture, capacity to retain water, and ability to
Period		to Earth's surface caused by weathering, erosion, and

WEEK 1	MON	11/6/23	TUES	11/7/23	WED	11/8/23	THURS	11/9/23	FRI	11/10/23
									Everybody Grows	
Student Expectation (SE)			3rd - 5th	rd - 5th math and reading are taking their BOY benchmarks.			Interve	laborate/ ention)	Assess, F Enrich	Re-Teach &
Objective			Please (indow for the Novembe	ese benchr r 7 - 10th. our data ar	alyst and	Use this till complete the elaborate intervene I student ne	the scope, and/or based on	Use the time to reteach or enrich the students. Use the suggested STEMscopes	
Daily Vocabulary Review	counts as	for FWISD; a FLEX day LAN	_EX day			<u>Vocabulary</u> <u>Strategies</u>		activities listed or the activities listed in the Intervention Tab as needed.		
5E Model with suggested activity								laborate/ ention)	Be sure t	
Demonstration of Learning (DOL)							activities	rmined by chosen for day.	plans.	
Recommended STEMscopes Activities for MENU/Extra Time/Everybody Grows Fridays				ng Literacy (g Pro Control	Picture raphic orga ogress Moni Science I ent Connec ections Vide	toring Assess Rock - Forces tions Video –	with STEMs sment S Gravity enting with F			





Page 2 of 8

**You do NOT have
time to use all of
them. They can be
used as spirals later
as time presents
itself.

Reading Science (B) – Crater Creation (850)
Reading Science (C) - Crater Creation

Simulation Practice - Gravity Force Lab: Basics (Interactive/Technology)

<u>Virtual Investigation – Forces</u> (Interactive/Technology) <u>Concept Review Game</u> (Interactive/Technology)

Guided Practice - Effects of Force (great for small group intervention and/or group work)





Page 3 of 8

WEEK 2	MON	11/13/23	TUES	11/14/23	WED	11/15/23	THURS	11/16/23	FRI	11/17/23					
		e Day 1		e Day 2		e Day 3 es of Soil		Day 4 es of Soil	EVERYBO	DY GROWS					
Student	_	ies of Soil examine		es of Soil examine		examine		examine	Δεερες	Re-Teach &					
Expectation		erties of		es of soils		rties of			Enrich	C-reach G					
(SE)		oils	propertion	23 01 30113		oils	properties of soils								
(- /			TLW examine						dentify	TLW will i		TLW will id		Use the t	
	properties of soil,			inds of soil,		inds of soil,	different k	,		r enrich the					
	including	color and	measure h		measure l		soil, meas		students.						
	texture.			retain and		retain and	much wate		suggeste STEMsco						
Objective				which type		which type		determine	activities						
			(This Expl	support life.	(This Expl	support life.	which type support life			ties listed in					
			take up to		take up to		Explore co		the Interv	ention Tab					
			tano ap to	o dayo,	tanto ap to	o dayo,	up to 3 da		as neede	d.					
		<u>abulary</u>		bulary		bulary	Voca	<u>bulary</u>	Be sure t	hat all					
Daily Vocabulary					Ocabulary Strategies Strategies				<u>Stra</u>	<u>tegies</u>	<u>Strat</u>	<u>egies</u>		activities are	
Review										your lesson					
	Engage			olore	Fxi	olore	Fxr	olore	plans.						
5E Model with		e Activity		Soil Soil			<u>oil</u>								
suggested activity			_				_								
									_						
D		a DOL use		se 3-4	Writing	Science		<u>unicate</u>							
Demonstration of Learning (DOL)		ior to the activity for		Released estion			Science -	- Dialogue							
Learning (DOL)		activity for	Que	<u> </u>											
		ot be taken													
	`	grade)													
			-	Scope 6: Pro		Soil									
Recommended		Linkina	Litereeu /a		ocabulary	with CTEMe	anadia)								
STEMscopes Activities		LINKING	<u>Literacy (g</u>	raphic organi	Rock - Soil	WILLI STEIVISC	copedia)								
71011711100			Content C	onnections V		erties of Soil									
*can be use for			Content	Connections	Video – Soi	l Properties									
whole group/				<u>cience (A) - F</u>											
centers/menu				Science (B) –											
activities				<u>Science (C) -</u> Practice - Soi											
				stigation – So											
		-		leview Game											
	Guide	ed Practice - (Soil Graphic	<u> Organizer</u> (great for sma		rvention							
				and/or	group work)										





Page 4 of 8

WEEK 3	MON	11/27/23	TUES	11/28/23	WED	11/29/23	THURS	11/30/23	FRI	12/1/23	
	Scope Day 5 Properties of Soil		Scope Day 6 Properties of Soil			e Day 7 les of Soil	-	e Day 8 es of Soil	EVERYBODY GROWS		
Student Expectation (SE)			4.7(A) examine properties of soils		4.7(A) examine properties of soils		4.7(A) examine properties of soils		Enrich Use the	Re-Teach & time to or enrich	
Objective	TLW communicate their understanding of properties of soil thru class discourse. (use the <u>question</u> <u>prompts</u> to help guide your discussion)		their understanding of properties of soil thru class discourse. (use the question prompts to help guide your world and a proper watch and a proper watch answer.		TLW exploration world con and application properties watching a Today vid answering	nections cations of of soil by a Science	Use this time to complete the scope, elaborate and/or intervene based on student need. TLW demor mastery of c to earth's la by scoring a better on the Assessmen		f changes andforms an 80% or he <u>Post-</u>	the stud the sugg STEMsc activities the activ	ents. Use gested opes s listed or rities listed tervention
Daily Vocabulary Review		abular <u>y</u> tegies		ibular <u>y</u> tegies	Vocabulary Strategies		<u>Vocabulary</u> <u>Strategies</u>		are note	activities d in your	
5E Model with suggested activity	(Studer	plain nts explain erstanding)	Science	oorate e Today - tch it!		Elaborate/ rention)	Evaluate		lesson p	lans.	
Demonstration of Learning (DOL)	Asse (This is a assess should no	Monitoring ssment a formative ment and t be graded astery)	strategy the ques	Using the R.A.C.E. strategy, complete the questions at the end of the Video DOL determined by activities chosen for the day.			No DO	a DOL use L due to ive testing			
	101 111		;	Scope 6: Pro		Soil	l				
Recommended STEMscopes Activities		<u>Linking</u>	.,,	raphic organ <u>Science</u>	Rock - Soil		, ,				
*can be use for whole group/ centers/menu activities	Guided I	Content Connections Video – Properties of Soil Content Connections Video – Soil Properties Reading Science (A) - Properties of Soil (590L) Reading Science (B) – Properties of Soil (770) Reading Science (C) - Properties of Soil (870L) Simulation Practice - Soil (Interactive/Technology) Virtual Investigation – Soil (Interactive/Technology) Concept Review Game (Interactive/Technology) Guided Practice - Classifying Soil Graphic Organizer (great for small group intervention and/or									
					up work)						





Page 5 of 8

WEEK 4	MON	12/4/23	TUES	12/5/23	WED	12/6/23	THURS	12/7/23	FRI	12/8/23														
			Scope Day 1 Scope Day 2 Changes to Land Changes to Lan				e Day 3 s to Land	EVERYBO	DDY GROWS															
Student Expectation (SE)	FLEX (Elaborate/ Intervention)																		4.7(B) observe and identify slow changes to Earth's surface caused by weathering, erosion, and deposition		4.7(B) observe and identify slow changes to Earth's surface caused by weathering, erosion, and deposition		Assess, Re-Teach & Enrich Use the time to reteach or enrich the students. Use the suggested STEMscopes	
Objective	Use this time to complete the scope, elaborate and/or intervene based on student need.		complete the scope, elaborate and/or intervene based on effects of wind on sand over time.		TLW will create a model to demonstrate the processes that slowly change Earths surface. (This explore could take 3 days)		TLW will create a model to demonstrate the processes that slowly change Earths surface. (This explore could take 3 days)		the active in the International Tab as in Be sure lessons/are note	that all activities d in your														
Daily Vocabulary Review	<u>Vocabulary</u> <u>Strategies</u>		Vocabulary Strategies		Vocabulary Strategies			<u>abulary</u> <u>tegies</u>	lesson p	lans.														
5E Model with suggested activity		Elaborate/ rention)	Engage:		Explore What Processes Can Change Rocks?		What Pro	plore cesses Can e Rocks?																
Demonstration of Learning (DOL)	activities	ermined by chosen for day.	time pr Engage the <u>Pre-A</u> (should n	a DOL use ior to the activity for assessment ot be taken grade)	Teacher Created STAAR Formatted Question Writing So			Science																
Recommended STEMscopes Activities *can be use for whole group/	Scope 7: Changes to Land Picture Vocabulary Linking Literacy (graphic organizers to use with STEMscopedia) Science Rock – Earth's Changes Content Connections Video – Land Changes																							
centers/menu activities	Content Connections Video – Land Changes Content Connections Video – Changes to Earth Reading Science (A) – Cave Formation Reading Science (B) – Cave Formation Reading Science (C) – Cave Formation (860L) Concept Review Game (Interactive/Technology) Virtual Investigation - Earth's Changes (Interactive/Technology) Guided Practice - Changing Mountains(great for small group intervention and/or group work)																							





Page 6 of 8		
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Page **7** of **8**

WEEK 5	MON	12/11/23	TUES	12/12/23	WED	12/13/23	THURS	12/14/23	FRI	12/15/23		
		e Day 4 s to Land		e Day 5 s to Land		Scope Day 6 Changes to Land		e Day 7 s to Land		ODY GROWS nic Preview		
Student Expectation (SE)	identi changes surface weatherir a depo	changes to Earth's surface caused by		4.7(B) observe and identify slow changes to Earth's surface caused by weathering, erosion, and deposition		4.7(B) observe and identify slow changes to Earth's surface caused by weathering, erosion, and deposition		serve and ow changes is surface ed by g, erosion, and osition	Assess, Re-Teach & Enrich Use the time to reteach or enrich the students. Use the suggested			
Objective	TLW will create a model to demonstrate the processes that slowly change Earths surface. (This explore could take 3 days)		TLW communicate their understanding of changes to the Earth's surface thru class discourse. (use the question prompts to help guide your discussion)		TLW explore real world connections and applications of chagnes to the Earth's suface by watching a Science Today video and answering questions.		mastery of changes to earth's landforms by scoring an 80% or better on the Post-Assessment		to earth's landforms by scoring an 80% or better on the Post- the activities in the Intervo Tab as need		listed or ities listed ervention eeded.	
Daily Vocabulary Review		abulary tegies		bulary tegies	Vocabulary Strategies		Vocabulary			Vocabulary Strategies		d in your lans.
5E Model with suggested activity	What Pro	plore cesses Can e Rocks?	Explain (Students explain their understanding)		Science	orate e Today - tch it!	Eva	luate	-			
Demonstration of Learning (DOL)		nunicate e - Debate	Asse (This is a assessi should no	s Monitoring ssment a formative ment and t be graded astery)	strategy, the quest	e R.A.C.E. complete ions at the he Video	No DO	In lieu of a DOL use No DOL due to summative testing				
Recommended STEMscopes Activities		<u>Linkin</u> ç	g Literacy (g	graphic organ	<u>/ocabulary</u> izers to use	with STEMs	copedia)					
*can be use for whole group/ centers/menu activities	Guide	Linking Literacy (graphic organizers to use with STEMscopedia) Science Rock – Earth's Changes Content Connections Video – Land Changes Content Connections Video – Changes to Earth Reading Science (A) – Cave Formation Reading Science (B) – Cave Formation Reading Science (C) – Cave Formation (860L) Concept Review Game (Interactive/Technology) Virtual Investigation - Earth's Changes (Interactive/Technology) Guided Practice - Changing Mountains(great for small group intervention and/or group work										





Page 8 of 8

Page 8 of 8														
WEEK 6	MON	12/18/23	TUES	12/19/23	WED	12/20/23	THURS	12/21/23	FRI	12/22/23 End of 6 Wks				
Student Expectation (SE)	FLEX (Elaborate/ Intervention)		•		•				,	Elaborate/ rention)	the last of	ay; This is day before r Break.		
Objective	elaborate	the scope, and/or based on	Use this ti complete elaborate intervene student ne	the scope, and/or based on	Use this ti complete elaborate intervene student no	the scope, and/or based on	Use this till complete the elaborate intervene student ne	the scope, and/or based on						
Daily Vocabulary Review	Vocabulary Strategies					abulary tegies		<u>ibulary</u> tegies						
5E Model with suggested activity		Elaborate/ /ention)			FLEX (Elaborate/ Intervention)			Elaborate/ rention)	.	F DAY/ No udents				
Demonstration of Learning (DOL)	activities	ermined by chosen for day.	activities	ermined by chosen for day.	activities	ermined by chosen for day.	activities	DOL determined by activities chosen for the day.						
Recommended STEMscopes Activities					,									
*can be use for whole group/ centers/menu activities														