## Science TEKS Verification Document Grade 1

	Olade 1											
		1 <sup>st</sup> NW			2 <sup>nd</sup>	NW	3 <sup>rd</sup> NW			4 <sup>th</sup> NW		
		Intro		2	3	4	5	6	7	7	8	9
	Scientific investigation and reasoning. The student conducts classroom and		· l									
1.1	and uses environmentally appropriate and responsible practices. The student is			igalion	S IOIIO	wing n	Jilie ai	iu scri	JUI Salt	sty pro	cedure	73
	Identify, discuss, and demonstrate safe and healthy practices as outlined in	Expect		Ι	I			Ι		I	l	l
	Texas Education Agency-approved safety standards during classroom and											
1.1A	outdoor investigations, including wearing safety goggles or chemical spash	Т	Т	Т	Т	Т	Т	T	Т	Т	T	Т
	goggles, as appropriate, washing hands, and using materials appropriately.											
	Identify and learn how to use natural resources and materials, including											
1.1B	conservation and reuse or recycling of paper, plastic, and metals.	0	T	0	0	T	0	0	0	0	0	0
	Scientific investigation and reasoning. The student develops abilities to ask	uestioi	ns and	seek a	nswer	s in cla	ssroor	n and i	outdoo	r inves	tigatio	ns
1.2	The student is expected to:	jucciioi	io aria	occn a	1100001	o iii oia	00,00,	ii ana (	Juluoo	111100	ligatio	110.
	Ask questions about organisms, objects, and events observed in the natural											
1.2A	world.	Т	Т	Т	Т	Т	Т	T	T	Т	T	Т
1.2B	Plan and conduct simple descriptive investigations.	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т
1.2C	Collect data and make observations using simple tools.	T	T	T	T	T	T	T	T	T	T	T
1.2D	Record and organize data using pictures, numbers, and words.	T	Ť	Ť	Ť	T	T	Ť	Ť	Ť	Ť	T
	Communicate observations and provide reasons for explanations using											
1.2E	student-generated data from simple descriptive investigations.	0	T	Т	T	Т	Т	Т	Т	T	T	Т
4.0	Scientific investigation and reasoning. The student knows that information and	nd critic	al think	king are	e used	in scie	entific p	roblen	solvin	g. The	stude	nt is
1.3	expected to:			J			•			J		
1.3A	Identify and explain a problem and propose a solution.	0	0	Т	0	Т	0	0	0	0	0	0
1.3B	Make predictions based on observable patterns.	0	Т	0	Т	0	Т	Т	0	0	0	Т
1.3C	Describe what scientists do.	Т	Т	0	Т	Т	Т	Т	Т	Т	Т	Т
1.4	Scientific investigation and reasoning. The student uses age-appropriate too	ls and i	models	to inve	estigat	e the n	atural	world.	The stu	udent i	s expe	ected
1.4	to:											
	Collect, record, and compare information using tools, including computers,											
	hand lenses, primary balances, cups, bowls, magnets, collecting nets,											
1.4A	notebooks, and safety goggles or chemical splash goggles, as appropriate;	Т	Т	Т	Т	Т	Т	Т	т	Т	т	т
,	timing devices; non-standard measuring items; weather instruments such as	•	•	•		· •	•	•	-		-	•
	demonstration thermometers and wind socks; and materials to support											
4.45	observations of habitats of organisms such as aquariums and terrariums.											
1.4B	Measure and compare organisms and objects using non-standard units.		T	0	0	0	0	0	0	0	Т	0
1.5	Matter and energy. The student knows that objects have properties and pattern	is. The	stuaer	it is exp	pectea 	to:		1	1	1	ı	I
1.5A	Classify objects by observable properties such as larger and smaller, heavier		Т									
	and lighter, shape, color, and texture.		_									
1.5B	Predict and identify changes in materials caused by heating and cooling.		T									
1.5C	Classify objects by the materials from which they are made.		1	d 0 115			rales r l'i	 	04.14-	ot in se		1 40.
1.6	Force, motion, and energy. The student knows that force, motion, and energy	are rela	ated an	id are a	a part (	or every	yaay lii	e. The	stuaei	it is ex	pected	1 to:
1.6A	Identify and discuss how different forms of energy such as light, thermal, and			Т								
	sound are important to everyday life.											
1.6B	Predict and describe how a magnet can be used to push or pull an object.				Т							
	1											<u> </u>

## Science TEKS Verification Document Grade 1

	1 <sup>st</sup> NW		2114	NW		3 <sup>rd</sup> NV	V	4 <sup>th</sup> N		W	
	Intro	1	2	3	4	5	6	7	7	8	9
Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.				т							
student is expected to:	and wa	ater th	at can l	be obs	erved i	n cycl	es, pati	erns, a	and sys	stems.	The
color.					Т						
Identify and describe a variety of natural sources of water, including streams, lakes, and oceans					Т						
Identify how rocks, soil, and water are used to make products.					Т						
	nd us	and ob	ojects ir	the s	ky. The	stude	ent is ex	<i>xpected</i>	d to:		
clear or cloudy, calm or windy, and rainy or icy.	Т						Т				
the Moon and stars, including the Sun.						Т					
Identify characteristics of the seasons of the year and day and night.						Т	Т				
Demonstrate that air is all around us and observe that wind is moving air.							Т				
<b>Organisms and environments.</b> The student knows that the living environment is occur. The student is expected to:	s com	osed	of relat	ionshi	os betu	een c	rganisı	ns and	the life	e cycle	s tha
Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.								Т	т		
Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.								Т	т		
Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.								Т	т		
<b>Organisms and environments.</b> The student knows that organisms resemble the within their environments. The student is expected to:	eir par	ents ai	nd have	struc	tures a	nd pro	cesses	that h	elp the	m sur	/ive
Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.										Т	
Identify and compare the parts of plants.										Т	
Compare ways that young animals resemble their parents.											Т
Observe and record life cycles of animals such as a chicken, frog, or fish.										]	Т
	line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air arou.  Record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Organisms and environments. The student knows that the living environment is occur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble the within their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Identify and compare the parts of plants.  Compare ways that young animals resemble their parents.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and was student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us. Record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Organisms and environments. The student knows that the living environment is compoccur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parawithin their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Identify and compare the parts of plants.  Compare ways that young animals resemble their parents.	line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water the student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and of clear or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun. Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Organisms and environments. The student knows that the living environment is composed occur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents are within their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Identify and compare the parts of plants.  Compare ways that young animals resemble their parents.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and objects in Record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Organisms and environments. The student knows that the living environment is composed of relations.  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have within their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Identify and compare the parts of plants.  Compare ways that young animals resemble their parents.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be obstudent is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and objects in the steam of color, and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Organisms and environments. The student knows that the living environment is composed of relationship occur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have struc within their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Identify and compare the parts of plants.  Compare ways that young animals resemble their parents.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed is student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Observe, compare, describe, and sort components of soil by size, texture, and color.  It dentify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  It Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The Record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Organisms and environments. The student knows that the living environment is composed of relationships betwoecur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have structures a within their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Identify and compare the parts of plants.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycle student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student knows that the natural world includes the air around us and objects in the sky. The student or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Organisms and environments. The student knows that the living environment is composed of relationships between coccur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have structures and prowithin their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Identify and compare the parts of plants.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patt student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Torganisms and environments. The student knows that the living environment is composed of relationships between organism occur. The student is expected to:  Organisms and environments. The student knows that the living environment is composed of relationships between organism occur. The student is expected to:  Organisms and environments. The student knows that organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have structures and processes within their environments. The student knows that organisms resemble their parents and have structures and processes within their environments. The student is expected to:  Invest, how it moves, and what it eats.  Identify and compare the parts of plants.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patterns, a student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected (alear or cloudy, calm or windy, and rainy or icy.)  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Torquainsms and environments. The student knows that the living environment is composed of relationships between organisms and occur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that he within their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.  Compare ways that young animals resemble their parents.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patterns, and systudent is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:  Record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy.  Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Togranisms and environments. The student knows that the living environment is composed of relationships between organisms and the life occur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help the within their environments. The student is expected to:  Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.	Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.  Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patterns, and systems. student is expected to:  Observe, compare, describe, and sort components of soil by size, texture, and color.  Identify and describe a variety of natural sources of water, including streams, lakes, and oceans  Identify how rocks, soil, and water are used to make products.  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:  Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:  Cobserve and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.  Identify characteristics of the seasons of the year and day and night.  Demonstrate that air is all around us and observe that wind is moving air.  Torganisms and environments. The student knows that the living environment is composed of relationships between organisms and the life cycle occur. The student is expected to:  Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.  Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.  Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals for shelter.  Organisms and environments. The student knows that organisms resemble their parents and have structures and