

Northpoint Horizons

CAVS (Content Academic Vocabulary System) Math and Science - K-2 and 3-5 Correlated to the National TESOL Standards

Grades K-3

This document provides a sampling of the extensive TESOL directives offered throughout the *CAVS* program that meet the National TESOL Standards. The n/a signifies the standards that are not directly met for these grade levels.

National TESOL Standard for Grades K-3	CAVS Teacher’s Guide Math Grades K-2, 3-5 and CAVS Teacher’s Guide Science Grades K-2, 3-5 Lessons
Goal 1, Standard 1: To use English to communicate in social settings: Students will use English to participate in social interactions	
1.1.1 Descriptors	
a. sharing and requesting information	Math K-2, Math 3-5, Science K-2, Science 3-5 Each <i>CAVS</i> lesson promotes student participation using English to facilitate social interaction through whole group, small group, and paired activities. For example: Math K-2 Lesson 15 – Teacher’s Guide (TG) page (p.) 85 <i>How hot or cold is it?</i> Math 3-5 Lesson 22 – TG p. 127 <i>How do you compare facts and information?</i> Science K-2 Lesson 6 – TG p. 31
b. expressing needs, feelings, and ideas	
c. using nonverbal communication in social interactions	
d. getting personal needs met	
e. engaging in conversations	
f. conducting transactions	

<p align="center">National TESOL Standard for Grades K-3</p>	<p align="center">CAVS Teacher’s Guide Math Grades K-2, 3-5 and CAVS Teacher’s Guide Science Grades K-2, 3-5 Lessons</p>
	<p><i>How do mammals grow and change?</i> Science 3-5 Lesson 12 – TG p. 67 <i>How does Earth’s surface change?</i></p>
<p>1.1.2 Sample Progress Indicators</p>	
<p>a. engage listener's attention verbally or nonverbally</p>	<p>Math K-2, Math 3-5, Science K-2, Science 3-5 At the beginning of each math and science lesson, teachers use the “Engage” section to implement verbal and nonverbal prompts for the listener by using the Concept Posters and the Vocabulary Cards, and by asking questions.</p>
<p>b. volunteer information and respond to questions about self and family</p>	<p>n/a</p>
<p>c. elicit information and ask clarification questions</p>	<p>Math K-2 Lesson 3 – TG p. 13 <i>How do numbers work together?</i> Lesson 8 – TG p. 43 <i>How do you use money?</i> Lesson 15 – TG p. 85 <i>How hot or cold is it?</i> Lesson 22 – TG p. 127 <i>How can you show facts?</i> Math 3-5 Lesson 1 – TG p. 1 <i>How can you put numbers in order?</i> Lesson 12 – TG p. 67 <i>How do you measure flat shapes?</i> Lesson 14 – TG p. 79</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>What are units of measurement?</i> Lesson 23 – TG p. 133 <i>Do you think it will happen?</i></p> <p>Science 3-5 Lesson 4 – TG p. 19 <i>What is an ecosystem?</i> Lesson 10 – TG p. 55 <i>What are the layers of Earth?</i> Lesson 21 – TG p. 121 <i>How does electricity move?</i></p>
d. clarify and restate information as needed	<p>Math K-2 Lesson 1 – TG p. 1 <i>How do you count?</i> Lesson 2 – TG p. 7 <i>What are some kinds of numbers?</i> Lesson 9 – TG p. 49 <i>How do you tell time?</i> Lesson 13 – TG p. 73 <i>How much space does it take up?</i></p> <p>Math 3-5 Lesson 1 – TG p. 1 <i>How can you put numbers in order?</i> Lesson 11 – TG p. 61 <i>How do you measure?</i> Lesson 14 – TG p. 79 <i>What are units of measurement?</i> Lesson 24 – TG p. 139 <i>How can you solve problems?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>Science 3-5 Lesson 7 – TG p. 37 <i>What makes up Earth's atmosphere?</i> Lesson 12- TG p. 67 <i>How does the Earth's surface change?</i> Lesson 16 – TG p. 91 <i>How can matter change?</i></p>
e. describe feelings and emotions after watching a movie	n/a
f. indicate interests, opinions, or preferences related to class projects	<p>Math K-2, Math 3-5, Science K-2, Science 3-5 During the "Elaborate" section of each lesson, students work on "Concept Webs" as a paired activity. Students are asked to share and talk about this activity. For example:</p> <p>Math 3-5 Lesson 1 – TG p. 1 <i>How can you put numbers in order?</i> Lesson 7 – TG p. 37 <i>What is a pattern?</i> Lesson 11 – TG p. 61 <i>How do you measure?</i> Lesson 19 – TG p. 109 <i>What attributes do solid shapes share?</i></p> <p>Science 3-5 Lesson 12 – TG p. 67 <i>How does the Earth's surface change?</i> Lesson 13 – TG p. 73 <i>What are the Earth's natural resources?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	Lesson 21 – TG p. 121 <i>How does electricity move?</i> Lesson 24 – TG p. 139 <i>What patterns does the Earth repeat?</i>
g. give and ask for permission	n/a
h. offer and respond to greetings, compliments, invitations, introductions, and farewells	n/a
i. negotiate solutions to problems, interpersonal misunderstandings, and disputes	n/a
j. read and write invitations and thank you letters	n/a
k. use the telephone	n/a
Goal 1, Standard 2: To use English to communicate in social settings: Students will interact in, through, and with spoken and written English for personal expression and enjoyment	
1.2.1 Descriptors	
a. describing, reading about or participating in a favorite activity	Math K-2, Math 3-5, Science K-2, Science 3-5 Students are able to write their observations from the "Explore and Learn" section in their Math and Science Journals.
b. sharing social and cultural traditions and values	n/a
c. expressing personal needs, feelings, and ideas	Science 3-5 Lesson 13 – TG p. 73 <i>What are the Earth's natural resources?</i> Lesson 21 – TG p. 121 <i>How does electricity move?</i>
d. participating in popular culture	n/a
1.2.2 Sample Progress Indicators	
a. describe favorite storybook characters	n/a
b. recommend a game, book, or computer program	n/a

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c. listen to, read, watch, and respond to plays, films, stories, books, songs, poems, computer programs, and magazines	n/a
d. recount events of interest	n/a
e. ask information questions for personal reasons	n/a
f. make requests for personal reasons	n/a
g. express enjoyment while playing a game	n/a
h. talk about a favorite food or a celebration	n/a
i. express humor through verbal and nonverbal means	n/a
Goal 1, Standard 3: To use English to communicate in social settings: Students will use learning strategies to extend their communicative competence	
1.3.1 Descriptors	
a. testing hypotheses about language	Science 3-5 Lesson 17 – TG p. 97 <i>What makes things move?</i>
b. listening to and imitating how others use English	Math K-2, Science K-2 Students listen to and imitate how others use English during the "Explain Concepts and Vocabulary" and "Read the Flip Book" sections of each lesson. Using the Radius Audio Learning System™, students practice listening to, reading, writing, and speaking each academic vocabulary word. Math 3-5, Science 3-5 Students listen to and imitate how others use English during the "Explain Concepts and Vocabulary" and "Read the Reader Cards A and B"

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	sections of each lesson. Using the Radius Audio Learning System™, students practice listening to, reading, writing, and speaking each academic vocabulary word.
c. exploring alternative ways of saying things	Science 3-5 Lesson 17 – TG p. 97 <i>What makes things move?</i> Lesson 20 – TG p. 115 <i>How does light energy move?</i>
d. focusing attention selectively	Math K-2 Lesson 16 – TG p. 91 <i>Where are you?</i> Math 3-5 Lesson 2 – TG p. 7 <i>How do numbers tell a story?</i> Lesson 8 – TG p. 43 <i>How can you use models?</i> Lesson 10 – TG p. 55 <i>What do you use to measure things?</i> Lesson 17 – TG p. 97 <i>How do we describe shapes with three sides?</i> Science 3-5 Lesson 1 – TG p. 1 <i>How are living things classified?</i> Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 22 – TG p. 127 <i>What is Earth's place in the universe?</i>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
e. seeking support and feedback from others	<p>Science 3-5 Lesson 1 – TG p. 1 <i>How are living things classified?</i> Lesson 9 – TG p. 49 <i>What is the water cycle?</i> Lesson 22 – TG p. 127 <i>What is Earth's place in the universe?</i></p>
f. comparing nonverbal and verbal cues	<p>Math K-2, Math 3-5, Science K-2, Science 3-5 In each <i>CAVS</i> lesson, students use verbal and nonverbal cues through instruction by the teacher and use of visual materials such as Concept Posters, Activity Placemats, Flip Books, Vocabulary Cards, Content Picture Dictionaries, Concept Webs, Record Sheets, and Review Sheets.</p>
g. self-monitoring and self-evaluating language development	<p>Math K-2, Math 3-5, Science K-2, Science 3-5 Students use materials in each <i>CAVS</i> lesson to self-monitor and self-evaluate language development. For example, by using the Vocabulary Word Wall, Cognate Charts (English-Spanish), and Content Picture Dictionaries (English-Spanish), students can check for accuracy and appropriateness of word choice. Using the Radius Audio Learning System™, students can practice their language development by listening to, reading, writing, and speaking each academic vocabulary word.</p>
h. using the primary language to ask for clarification	<p>Math K-2, Math 3-5, Science K-2, Science 3-5 Students are encouraged to ask clarification</p>

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	questions throughout the program. If they cannot formulate the questions in English, they may begin by using their primary language.
i. learning and using language "chunks"	Math K-2, Math 3-5, Science K-2, Science 3-5 Throughout the <i>CAVS</i> lessons, the teacher is given opportunities to use language in "chunks" to assist English language learners and struggling learners in communication.
j. selecting different media to help understand language	Math K-2, Math 3-5, Science K-2, Science 3-5 Students (individually, in pairs, and in small groups) practice listening to, reading, writing, and speaking each academic vocabulary word with the Radius Audio Learning System™. For example: Science 3-5 Lesson 23 - TG p. 115 <i>How does light energy move?</i>
k. practicing new language	Math K-2, Math 3-5, Science K-2, Science 3-5 Students practice new language by using a variety of approaches and materials in the <i>CAVS</i> program. The <i>CAVS</i> program uses the "5 E" approach to learning academic content vocabulary: Engage Explore, Explain, Elaborate, and Evaluate.
l. using context to construct meaning	Math K-2 Lesson 1 – TG p. 1 <i>How do you count?</i> Lesson 13 – TG p. 73 <i>How much space does it take up?</i> Lesson 14 – TG p. 79

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>How much does it weigh?</i> Lesson 17 – TG p. 97</p> <p><i>Where are you now?</i></p> <p>Math 3-5</p> <p>Lesson 3 – TG p. 13 <i>How do we count large amounts?</i> Lesson 5 – TG p. 25 <i>How do you show that a number is not a whole?</i> Lesson 22 – TG p. 127 <i>How do you compare facts and information?</i> Lesson 23 – TG p. 133 <i>Do you think it will happen?</i></p> <p>Science K-2</p> <p>Lesson 2 – TG p. 7 <i>What are the parts of a plant?</i> Lesson 6 – TG p. 31 <i>How do mammals grow and change?</i> Lesson 17 – TG p. 97 <i>How do magnets move things?</i> Lesson 22 – TG p. 127 <i>What do you see in the night sky?</i></p> <p>Science 3-5</p> <p>Lesson 3 – TG p. 13 <i>How do plants reproduce?</i> Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 14 – TG p. 79 <i>What makes up matter?</i></p>

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1.3.2 Sample Progress Indicators	
a. test appropriate use of new vocabulary, phrases, and structures	Math K-2, Math 3-5, Science K-2, Science 3-5 Students are asked to use new vocabulary appropriately in each <i>CAVS</i> lesson under "Evaluate." For example: Math K-2 Lesson 15 – TG p.85 <i>How hot or cold is it?</i> Science 3-5 Lesson 19 – TG p. 109 <i>How does heat energy move?</i>
b. ask someone the meaning of a word	Math K-2, Math 3-5, Science K-2, Science 3-5 In each lesson, students have numerous opportunities to ask someone (the teacher, another student in his/her group, or partner in paired activities) the meaning of a word. For example: Science 3-5 Lesson 16 – TG p. 91 <i>How can matter change?</i>
c. understand verbal directions by comparing them with nonverbal cues (e.g., folding paper into eighths, lining up)	Math K-2, Math 3-5, Science K-2, Science 3-5 Students have opportunities to understand verbal directions by comparing them with nonverbal clues in the "Explore and Learn" – "Inquiry Activity" section of each lesson.
d. tell someone in the native language that a direction given in English was not understood	Math K-2, Math 3-5, Science K-2, Science 3-5 As the teacher circulates the class during the "Explore and Learn" and "Explain Concepts and

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	Vocabulary" parts of each <i>CAVS</i> lesson, students are encouraged to voice their need for understanding.
e. recite poems or songs aloud or to oneself	n/a
f. imitate a classmate's response to a teacher's question or directions	Math K-2, Math 3-5, Science K-2, Science 3-5 <i>CAVS</i> lessons provide opportunities for students to imitate a classmate's response to questions or directions. For example: Science 3-5 Lesson 15 – TG p. 85 <i>How do we measure matter?</i>
g. associate realia or diagrams with written labels to learn vocabulary or construct meaning	Math K-2, Math 3-5, Science K-2, Science 3-5 Throughout each lesson of the <i>CAVS</i> program, students use: Concept Posters, Activity Placemats, Content Picture Dictionaries, Flip Books, Reader Cards, and Concept Webs to learn vocabulary and construct meaning.
h. practice recently learned language by teaching a peer	Math K-2, Math 3-5, Science K-2, Science 3-5 Students have opportunities to teach a peer recently learned language and vocabulary in "Explain Concepts and Vocabulary," "Explore and Learn" – "Inquiry Activity" (a small group activity), "Elaborate" – "Concept Web" (a paired activity), and "Radius™ Math Vocabulary Cards" (a small group activity) sections in the <i>CAVS</i> lessons.
Goal 2, Standard 1: To use English to achieve academically in all content areas: Students will use English to interact in the classroom	
2.1.1 Descriptors	

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
a. following oral and written directions, implicit and explicit	<p>Math K-2 Lesson 2 - TG p. 7 <i>What are some kinds of numbers?</i> Lesson 5 – TG p. 25 <i>Why do you subtract numbers?</i> Lesson 18 – TG p. 103 <i>Which way do you go?</i> Lesson 21 – TG p. 121 <i>How can you change shapes?</i></p> <p>Math 3-5 Lesson 2 – TG p. 7 <i>How do numbers tell a story?</i> Lesson 10 – TG p. 55 <i>What do you use to measure things?</i> Lesson 15 – TG p. 88 <i>How long does it take?</i> Lesson 17 – TG p. 97 <i>How do we describe shapes with three sides?</i></p> <p>Science K-2 Lesson 1 – TG p. 1 <i>What are living things?</i> Lesson 9 – TG p. 49 <i>What is the water cycle?</i> Lesson 15 – TG p. 85 <i>What forms does matter take?</i> Lesson 22 – TG p. 127 <i>What can you see in the night sky?</i></p> <p>Science 3-5</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	Lesson 2 – TG p. 7 <i>How are plant and animal systems different?</i> Lesson 5 – TG p. 25 <i>How does energy flow in an ecosystem?</i> Lesson 19 – TG p. 109 <i>How does heat energy move?</i>
b. requesting and providing clarification	Math K-2 Lesson 3 – TG p. 13 <i>How do numbers work together?</i> Lesson 8 – TG p. 43 <i>How do you use money?</i> Lesson 15 – TG p. 85 <i>How hot or cold is it?</i> Lesson 22 – TG p. 127 <i>How can you show facts?</i> Math 3-5 Lesson 1 – TG p. 1 <i>How can you put numbers in order?</i> Lesson 12 – TG p. 67 <i>How do you measure flat shapes?</i> Lesson 14 – TG p. 79 <i>What are units of measurement?</i> Lesson 23 – TG p. 133 <i>Do you think it will happen?</i> Science 3-5 Lesson 4 – TG p. 19 <i>What is an ecosystem?</i>
c. participating in full class, group, and pair	Math K-2, Math 3-5, Science K-2, Science 3-5

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
discussions	The <i>CAVS</i> program centers around students participating in class, group, and paired discussion. Each lesson has several activities that are clearly labeled for instruction.
d. asking and answering questions	<p>Math K-2 Lesson 4 – TG p. 19 <i>Why do you add numbers?</i> Lesson 8 – TG p. 43 <i>How do use money?</i> Lesson 14 – TG p. 79 <i>How much does it weigh?</i> Lesson 20 – TG p. 115 <i>How can you describe shapes?</i></p> <p>Math 3-5 Lesson 19 – TG p. 109 <i>What attributes do solid shapes share?</i> Lesson 21 – TG p. 121 <i>Why do you need information?</i></p> <p>Science 3-5 Lesson 1 – TG p. 1 <i>How are living things classified?</i> Lesson 7 – TG p. 37 <i>What makes up Earth's atmosphere?</i> Lesson 11 – TG p. 61 <i>What causes earthquakes and volcanoes?</i> Lesson 21 – TG p. 121 <i>How does electricity move?</i></p>
e. requesting information and assistance	Math K-2

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	<p>Lesson 3 – TG p. 13 <i>How do numbers work together?</i></p> <p>Lesson 8 – TG p. 43 <i>How do you use money?</i></p> <p>Lesson 15 – TG p. 85 <i>How hot or cold is it?</i></p> <p>Lesson 22 – TG p. 127 <i>How can you show facts?</i></p> <p>Math 3-5</p> <p>Lesson 1 – TG p. 1 <i>How can you put numbers in order?</i></p> <p>Lesson 12 – TG p. 67 <i>How do you measure flat shapes?</i></p> <p>Lesson 14 – TG p. 79 <i>What are units of measurement?</i></p> <p>Lesson 23 – TG p. 133 <i>Do you think it will happen?</i></p> <p>Science 3-5</p> <p>Lesson 9 – TG p. 49 <i>What is the water cycle?</i></p> <p>Lesson 17 – TG p. 97 <i>What makes things move?</i></p>
f. negotiating and managing interaction to accomplish tasks	<p>Math K-2</p> <p>Lesson 3 – TG p. 13 <i>How do numbers work together?</i></p> <p>Lesson 10 – TG p. 55 <i>When is your birthday?</i></p> <p>Lesson 18 – TG p. 103</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>Which way do you go?</i> Math 3-5 Lesson 3 – TG p.13 <i>How do we count large amounts?</i> Lesson 7 – TG p. 37 <i>What is a pattern?</i> Lesson 12 – TG p. 67 <i>How do you measure flat shapes?</i> Lesson 24 - TG p. 139 <i>How can you solve problems?</i> Science 3-5 Lesson 4 – TG p. 19 <i>What is an ecosystem?</i> Lesson 17 – TG p. 97 <i>What makes things move?</i></p>
g. explaining actions	<p>Science K-2 Lesson 18 – TG p. 103 <i>What makes light?</i> Science 3-5 Lesson 3 – TG p. 13 <i>How do plants reproduce?</i></p>
h. elaborating and extending other people's ideas and words	<p>Math K-2 Lesson 7 – TG p. 37 <i>What makes a pattern?</i> Science 3-5 Lesson 3 - TG p. 13 <i>How do plants reproduce?</i> Lesson 6 – TG p. 31</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<i>What helps an organism live in its ecosystem?</i> Lesson 11 – TG p. 61 <i>What causes earthquakes and volcanoes?</i> Lesson 12 -TG p. 67 <i>How does Earth's surface change?</i>
i. expressing likes, dislikes, and needs	Science 3-5 Lesson 13 – TG p. 73 <i>What are the Earth's natural resources?</i> Lesson 21 – TG p. 121 <i>How does electricity move?</i>
2.1.2 Sample Progress Indicators	
a. ask a teacher to restate or simplify directions	Math K-2, Math 3-5, Science K-2, Science 3-5 In the "Explore and Learn" (Activity Placemats) and "Evaluate" (Lesson Review sheets) sections of each lesson, students have opportunities to question the teacher about activity directions/steps. For example: Science 3-5 Lesson 19 – TG p.109 <i>How does heat energy move?</i>
b. join in a group response at the appropriate time	Science 3-5 Lesson 20 – TG p. 115 <i>How does light energy move?</i> Lesson 21 – TG p. 121 <i>How does electricity move?</i>
c. listen to and incorporate a peer's feedback regarding classroom behavior	n/a
d. greet a teacher when entering class	n/a

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e. distribute and collect classroom materials	n/a
f. share classroom materials and work successfully with a partner	Math K-2, Math 3-5, Science K-2, Science 3-5 In each <i>CAVS</i> lesson, students work in paired activities where they have opportunities to share materials. For example: Science 3-5 Lesson 13 – TG p. 73 <i>What are Earth's natural resources?</i>
g. ask for assistance with a task	Math K-2, Math 3-5, Science K-2, Science 3-5 In each lesson, students have numerous opportunities to ask someone (the teacher, another student in his/her group, or partner in group and paired activities) for assistance. For example: Science 3-5 Lesson 17- TG p. 97 <i>What makes things move?</i>
Goal 2, Standard 2 :To use English to achieve academically in all content areas: Students will use English to obtain, process, construct, and provide subject matter information in spoken and written form	
2.2.1 Descriptors	
a. comparing and contrasting information	Math K-2 Lesson 3 – TG p. 13 <i>How do numbers work together?</i> Lesson 6 – TG p. 31 <i>How are objects the same?</i> Lesson 11 – TG p. 61 <i>How far? How long?</i>

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	<p>Math 3-5 Lesson 6 – TG p. 31 <i>How else can you show less than one whole?</i> Lesson 14 – TG p. 79 <i>What are units of measurement?</i> Lesson 18 – TG p. 103 <i>How do we draw different shapes?</i> Lesson 22 – TG p. 127 <i>How do you compare facts and information?</i></p> <p>Science K-2 Lesson 8 – TG p. 43 <i>How do living things get food?</i> Lesson 12 – TG p. 67 <i>What are seasons?</i> Lesson 17 – TG p. 97 <i>How do magnets move things?</i> Lesson 18 – TG p. 103 <i>What makes light?</i></p> <p>Science 3-5 Lesson 5 – TG p. 25 <i>How does energy flow in an ecosystem?</i></p>
b. persuading, arguing, negotiating, evaluating, and justifying	<p>Science 3-5 Lesson 24 – TG p. 139 <i>What patterns does Earth repeat?</i></p>
c. listening to, speaking, reading, and writing about subject matter information	<p>Math K-2 Lesson 3 – TG p. 13 <i>How do numbers work together?</i> Lesson 13 – TG p. 73</p>

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	<p><i>How much space does it take up?</i> Lesson 22 – TG p. 127</p> <p><i>How can you show facts?</i> Lesson 24 – TG p. 139</p> <p><i>How do we solve problems?</i></p> <p>Math 3-5</p> <p>Lesson 1 – TG p. 1</p> <p><i>How can you put numbers in order?</i> Lesson 12 – TG p. 67</p> <p><i>How do you measure flat shapes?</i> Lesson 14 – TG p. 79</p> <p><i>What are units of measurement?</i> Lesson 23 – TG p. 133</p> <p><i>Do you think it will happen?</i></p> <p>Science 3-5</p> <p>Lesson 4 – TG p. 19</p> <p><i>What is an ecosystem?</i> Lesson 12 – TG p. 67</p> <p><i>How does Earth's surface change?</i> Lesson 23 – TG p. 133</p> <p><i>What are patterns in the sky?</i></p>
d. gathering information orally and in writing	<p>Math K-2</p> <p>Lesson 3 – TG p. 13</p> <p><i>How do numbers work together?</i> Lesson 10 – TG p. 55</p> <p><i>When is your birthday?</i> Lesson 15 – TG p. 85</p> <p><i>How hot or cold is it?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>Lesson 22 – TG p. 127 <i>How can you show facts?</i></p> <p>Math 3-5</p> <p>Lesson 1 – TG p. 1 <i>How can you put numbers in order?</i></p> <p>Lesson 12 – TG p. 67 <i>How do you measure flat shapes?</i></p> <p>Lesson 14 – TG p. 79 <i>What are units of measurement?</i></p> <p>Lesson 23 – TG p. 133 <i>Do you think it will happen?</i></p> <p>Science K-2</p> <p>Lesson 9 – TG p. 49 <i>What is the water cycle?</i></p> <p>Lesson 10 – TG p. 55 <i>What are some kinds of weather?</i></p> <p>Science 3-5</p> <p>Lesson 4 – TG p. 19 <i>What is an ecosystem?</i></p> <p>Lesson 9 – TG p. 49 <i>What is the water cycle?</i></p> <p>Lesson 11 – TG p. 61 <i>What causes earthquakes and volcanoes?</i></p> <p>Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i></p>
e. retelling information	<p>Math K-2</p> <p>Lesson 5 – TG p. 25 <i>Why do you subtract numbers?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>Lesson 19 – TG p. 109 <i>What are some common shapes?</i></p> <p>Science K-2</p> <p>Lesson 7 – TG p. 37 <i>Where do plants and animals live?</i></p> <p>Lesson 8 – TG p. 43 <i>How do living things get food?</i></p> <p>Science 3-5</p> <p>Lesson 10 – TG p. 55 <i>What are the layers of Earth?</i></p> <p>Lesson 13 – TG p. 73 <i>What are Earth's natural resources?</i></p>
f. selecting, connecting, and explaining information	<p>Math K-2</p> <p>Lesson 6 – TG p. 31 <i>How are objects the same?</i></p> <p>Lesson 13 – TG p. 73 <i>How much space does it take up?</i></p> <p>Lesson 16 – TG p. 91 <i>Where are you?</i></p> <p>Lesson 18 – TG p. 103 <i>Which way do you go?</i></p> <p>Math 3-5</p> <p>Lesson 6 – TG p. 31 <i>How else can you show less than one whole?</i></p> <p>Lesson 9 – TG p. 49 <i>How can math rules help you solve equations?</i></p> <p>Lesson 15 – TG p. 85 <i>How long does it take?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>Lesson 16 – TG p. 91 <i>How do we describe shapes with straight sides?</i> Science K-2</p> <p>Lesson 5 – TG p. 25 <i>How do butterflies grow and change?</i></p> <p>Lesson 24 – TG p. 139 <i>What is the solar system?</i> Science 3-5</p> <p>Lesson 6 – TG p. 31 <i>What helps an organism in its ecosystem?</i></p> <p>Lesson 8 – TG p. 43 <i>How are rocks classified?</i></p> <p>Lesson 13 TG p. 73 <i>What are earth's natural resources?</i></p>
g. analyzing, synthesizing, and inferring from information	<p>Math K-2</p> <p>Lesson 11 – TG p. 61 <i>How far? How long?</i></p> <p>Lesson 15 – TG p. 85 <i>How hot or cold is it?</i></p> <p>Lesson 20 – TG p. 115 <i>How can you describe shapes?</i></p> <p>Lesson 23 – TG p. 133 <i>What do you think will happen?</i></p> <p>Math 3-5</p> <p>Lesson 15 - TG p. 85 <i>How long does it take?</i></p> <p>Science K-2</p> <p>Lesson 3 – TG p. 13</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>Which animals have a backbone?</i> Lesson 4 – TG p. 19</p> <p><i>How do frogs grow and change?</i> Lesson 13 – TG p. 73</p> <p><i>How do we learn about dinosaurs?</i> Lesson 21 – TG p. 121</p> <p><i>What can you see in the day sky?</i></p> <p>Science 3-5</p> <p>Lesson 7 – TG p. 37</p> <p><i>What makes up Earth's atmosphere?</i> Lesson 20 – TG p. 115</p> <p><i>How does light energy move?</i></p>
h. responding to the work of peers and others	<p>Math K-3</p> <p>Lesson 12 - TG p. 67</p> <p><i>How do you tell how far or how long?</i></p> <p>Math 3-5</p> <p>Lesson 3 – TG p. 13</p> <p><i>How do we count large amounts?</i> Lesson 8 – TG p. 43</p> <p><i>How can you use models?</i> Lesson 19 – TG p. 109</p> <p><i>What attributes do solid shapes share?</i> Lesson 24 – TG p. 139</p> <p>How can you solve problems?</p> <p>Science 3-5</p> <p>Lesson 3 – TG p. 13</p> <p><i>How do plants reproduce?</i> Lesson 6 – TG p. 31</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>What helps an organism live in its ecosystem?</i> Lesson 13 – TG p. 73</p> <p><i>What are Earth's natural resources?</i> Lesson 19 – TG p. 109</p> <p><i>How does heat energy move?</i></p>
<p>i. representing information visually and interpreting information presented visually</p>	<p>Math K-2 Lesson 2- TG p. 7 <i>What are some kinds of numbers?</i> Lesson 9 – TG p. 49 <i>How do you tell time?</i> Lesson 13 – TG p. 73 <i>How much space does it take up?</i> Lesson 21 – TG p. 121 <i>How can you change shapes?</i></p> <p>Math 3-5 Lesson 1 – TG p. 1 <i>How can you put numbers in order?</i> Lesson 6 – TG p. 31 <i>How else can you show less than one whole?</i> Lesson 8 – TG p. 43 <i>How can you use models?</i> Lesson 16 – TG p. 91 <i>How do we describe shapes with straight sides?</i></p> <p>Science K-2 Lesson 6 – TG p. 31 <i>How do mammals grow and change?</i> Lesson 12 – TG p. 67 <i>What are seasons?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	Lesson 13 – TG p. 73 <i>How do we learn about dinosaurs?</i> Lesson 22 – TG p. 127 <i>What can you see in the night sky?</i> Science 3-5 Lesson 1 – TG p. 1 <i>How are living things classified?</i> Lesson 4 – TG p. 19 <i>What is an ecosystem?</i> Lesson 9 – TG p. 49 <i>What is the water cycle?</i> Lesson 15 - TG p. 85 <i>How do we measure matter?</i>
j. hypothesizing and predicting	Math K-2 Lesson 24 –TG p. 139 <i>How do we solve problems?</i> Science K-2 Lesson 2 – TG p. 7 <i>What are the parts of a plant?</i> Lesson 6 – TG p. 31 <i>How do mammals grow and change?</i> Science 3-5 Lesson 2 – TG p. 7 <i>How are plant and animal systems different?</i>
k. formulating and asking questions	Math 3-5 Lesson 15 – TG p. 85 <i>How long does it take?</i> Science 3-5

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	Lesson 7- TG p. 37 <i>What makes up the Earth's atmosphere?</i> Lesson 10 – TG p. 55 <i>What are the layers of Earth?</i> Lesson 11 – TG p. 61 <i>What causes earthquakes and volcanoes?</i> Lesson 21 – TG p. 121 <i>How does electricity move?</i>
I. understanding and producing technical vocabulary and text features according to content area	Math K-2 Lesson 1 – TG p. 1 <i>How do you count?</i> Lesson 4 – TG p. 19 <i>Why do you add numbers?</i> Lesson 16 – TG p. 91 <i>Where are you?</i> Lesson 17 – TG p. 97 <i>Where are you now?</i> Math 3-5 Lesson 9 – TG p. 49 <i>How can math rules help you solve equations?</i> Lesson 20 – TG p. 115 <i>How can you change shapes?</i> Lesson 23 – TG p. 133 <i>Do you think it will happen?</i> Lesson 24 – TG p. 139 <i>How can you solve problems?</i> Science K-2 Lesson 5 – TG p. 25

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>How do butterflies grow and change?</i> Lesson 12 – TG p. 67</p> <p><i>What are seasons?</i> Lesson 14 – TG p. 79</p> <p><i>What is matter?</i> Lesson 24 –TG p. 139</p> <p><i>What is the solar system?</i> Science 3-5</p> <p>Lesson 7 – TG p. 37</p> <p><i>What makes up the Earth's atmosphere?</i> Lesson 14 – TG p. 79</p> <p><i>What makes up matter?</i> Lesson 24 - TG p. 139</p> <p><i>What patterns does Earth repeat?</i></p>
m. demonstrating knowledge through application in a variety of contexts	<p>Math K-2</p> <p>Lesson 5 – TG p. 25</p> <p><i>Why do you subtract numbers?</i> Lesson 23 – TG p. 133</p> <p><i>What do you think will happen?</i></p> <p>Math 3-5</p> <p>Lesson 2 – TG p. 7</p> <p><i>How do numbers tell a story?</i> Lesson 5 - TG p. 25</p> <p><i>How do you show that a number is not a whole?</i> Lesson 12 - TG p. 67</p> <p><i>How do you measure flat shapes?</i> Lesson 25 – TG p. 139</p> <p><i>How can you solve problems?</i></p>

<p align="center">National TESOL Standard for Grades K-3</p>	<p align="center">CAVS Teacher’s Guide Math Grades K-2, 3-5 and CAVS Teacher’s Guide Science Grades K-2, 3-5 Lessons</p>
	<p>Science 3-5 Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i> Lesson 23 – TG p. 133 <i>What are patterns in the sky?</i></p>
<p>2.2.2 Sample Progress Indicators</p>	
<p>a. identify and associate written symbols with words (e.g., written numerals with spoken numbers, the compass rose with directional words)</p>	<p>Math K-2 Lesson 1 – TG p. 1 <i>How do you count?</i> Lesson 3 – TG p. 13 <i>How do numbers work together?</i> Lesson 4 – TG p. 19 <i>Why do you add numbers?</i> Lesson 5 – TG p. 25 <i>Why do you subtract numbers?</i> Science K-2 Lesson 12 - TG p. 67 <i>What are seasons?</i></p>
<p>b. define, compare, and classify objects (e.g., according to number, shape, color, size, function, physical characteristics)</p>	<p>Math K-2 Lesson 6 – TG p. 31 <i>How are objects the same?</i> Lesson 11 – TG p. 61 <i>How far? How long?</i> Lesson 19 – TG p. 109 <i>What are some common shapes?</i> Lesson 20 – TG p. 115 <i>How can you describe shapes?</i> Math 3-5</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>Lesson 16 – TG p. 91 <i>How do we describe shapes with straight sides?</i></p> <p>Lesson 18 – TG p. 103 <i>How do we draw different shapes?</i></p> <p>Lesson 19 – TG p. 109 <i>What attributes do solid shapes share?</i></p> <p>Lesson 21 – TG p. 121 <i>Why do you need information?</i></p> <p>Science K-2</p> <p>Lesson 3 – TG p. 13 <i>Which animals have a backbone?</i></p> <p>Lesson 8 – TG p. 43 <i>How do living things get food?</i></p> <p>Lesson 15 – TG p. 85 <i>What forms does matter take?</i></p> <p>Lesson 17 – TG p. 97 <i>How do magnets move things?</i></p> <p>Science 3-5</p> <p>Lesson 1 – TG p. 1 <i>How are living things classified?</i></p> <p>Lesson 6 – TG p. 31 <i>What helps an organism live in its ecosystem?</i></p>
<p>c. explain change (e.g., growth in plants and animals, in seasons, in self, in characters in literature)</p>	<p>Science K-2</p> <p>Lesson 2 – TG p. 7 <i>What are the parts of a plant?</i></p> <p>Lesson 7 - TG p. 37 <i>Where do plants and animals live?</i></p> <p>Lesson 11 – TG p. 61</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>How does Earth's land change?</i> Lesson 18 – TG p. 103 <i>What makes light?</i> Science 3-5 Lesson 7 – TG p. 37 <i>What makes up Earth's atmosphere?</i></p>
d. record observations	<p>Math K-2 Lesson 5 - TG p. 28 <i>Why do you subtract numbers?</i> Lesson 10 – TG p. 58 <i>When is your birthday?</i> Lesson 12 – TG p. 70 <i>How can you tell how far or how long?</i> Lesson 22 – TG p. 130 <i>How can you show facts?</i> Math 3-5 Lesson 18 – TG p. 103 <i>How do we draw different shapes?</i> Lesson 20 – TG p. 115 <i>How can you change shapes?</i> Lesson 22 – TG p. 127 <i>How do you compare facts and information?</i> Lesson 23 – TG p. 133 <i>Do you think it will happen?</i> Science K-2 Lesson 2 – TG p. 7 <i>What are the parts of a plant?</i> Lesson 7 - TG p. 37</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>Where do plants and animals live?</i> Lesson 11 – TG p. 61</p> <p><i>How does Earth's land change?</i> Lesson 18 – TG p. 103</p> <p><i>What makes light?</i></p> <p>Science 3-5</p> <p>Lesson 4 – TG p. 19</p> <p><i>What is an ecosystem?</i> Lesson 7 – TG p. 37</p> <p>What makes up Earth's atmosphere? Lesson 11 – TG p. 61</p> <p><i>What causes earthquakes and volcanoes?</i></p>
e. construct a chart or other graphic showing data	<p>Math K-2</p> <p>Lesson 6 – TG p. 34</p> <p><i>How are objects the same?</i> Lesson 8 – TG p. 47</p> <p><i>How do you use money?</i> Lesson 19 – TG p. 113</p> <p><i>What are some common shapes?</i> Lesson 22 – TG p. 127</p> <p><i>How can you show facts?</i></p> <p>Math 3-5</p> <p>Lesson 1 – TG p. 1</p> <p><i>How can you put numbers in order?</i> Lesson 8 – TG p. 43</p> <p><i>How can you use models?</i> Lesson 21 – TG p. 121</p> <p><i>Why do you need information?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>Science K-2 Lesson 2 – TG p. 7 <i>What are parts of a plant?</i></p> <p>Science 3-5 Lesson 1 – TG p. 1 <i>How are living things classified?</i> Lesson 4 – TG p. 19 <i>What is an ecosystem?</i> Lesson 5 – TG p. 25 <i>How does energy flow in an ecosystem?</i> Lesson 23 – TG p. 133 <i>What are patterns in the sky?</i></p>
f. read a story and represent the sequence of events (through pictures, words, music, or drama)	n/a
g. locate reference material	<p>Science 3-5 Lesson 2 – TG p. 7 <i>How are plant and animal systems different?</i> Lesson 3 – TG p. 13 <i>How do plants reproduce?</i> Lesson 22 – TG p. 127 <i>What is Earth's place in the universe?</i></p>
h. generate and ask questions of outside experts (e.g., about their jobs, experiences, interests, qualifications)	n/a
i. gather and organize the appropriate materials needed to complete a task	<p>Science K-2 Lesson 9 – TG p. 49 <i>What is the water cycle?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	Lesson 10 – TG p. 55 <i>What are some kinds of weather?</i> Science 3-5 Lesson 13 – TG p. 73 <i>What are Earth's natural resources?</i> Lesson 22 – TG p. 127 <i>What is Earth's place in the universe?</i>
j. edit and revise own written assignments	Science 3-5 Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i>
k. use contextual clues	Math K-2 Lesson 1 – TG p. 1 <i>How do you count?</i> Lesson 13 – TG p. 73 <i>How much space does it take up?</i> Lesson 14 – TG p. 79 <i>How much does it weigh?</i> Lesson 17 – TG p. 97 Math 3-5 Lesson 3 – TG p. 13 <i>How do we count large amounts?</i> Lesson 5 – TG p. 25 <i>How do you show that a number is not a whole?</i> Lesson 22 – TG p. 127 <i>How do you compare facts and information?</i> Lesson 23 – TG p. 133 <i>Do you think it will happen?</i> Science K-2

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	Lesson 2 – TG p. 7 <i>What are the parts of a plant?</i> Lesson 6 – TG p. 31 <i>How do mammals grow and change?</i> Lesson 17 – TG p. 97 <i>How do magnets move things?</i> Lesson 22 – TG p. 127 <i>What do you see in the night sky?</i> Science 3-5 Lesson 3 – TG p. 13 <i>How do plants reproduce?</i> Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 14 – TG p. 79 <i>What makes up matter?</i>
I. consult print and non-print resources in the native language when needed.	Math K-2, Math 3-5, Science K-2, Science 3-5 In each <i>CAVS</i> lesson, students are encouraged to use the Content Picture Dictionaries. These dictionaries are in a bilingual format. Each entry of the dictionary is presented in both English and Spanish with illustrations for each content word. In each lesson it is recommended that teachers post a cognate chart for Spanish-speaking students. This cognate chart shows similarities between <i>CAVS</i> vocabulary words in Spanish and English.
Goal 2, Standard 3: To use English to achieve academically in all content areas: Students will use appropriate learning strategies to construct and apply academic knowledge	

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
2.3.1 Descriptors	
<p>a. focusing attention selectively</p>	<p>Math K-2 Lesson 16 – TG p. 91 <i>Where are you?</i></p> <p>Math 3-5 Lesson 2 – TG p. 7 <i>How do numbers tell a story?</i> Lesson 8 – TG p. 43 <i>How can you use models?</i> Lesson 10 – TG p. 55 <i>What do you use to measure things?</i> Lesson 17 – TG p. 97 <i>How do we describe shapes with three sides?</i></p> <p>Science 3-5 Lesson 1 – TG p. 1 <i>How are living things classified?</i> Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 22 – TG p. 127 <i>What is Earth's place in the universe?</i></p>
<p>b. applying basic reading comprehension skills such as skimming, scanning, previewing, and reviewing text</p>	<p>Science 3-5 Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 14 – TG p. 79 <i>What makes up matter?</i> Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i> Lesson 22 – TG p. 127</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<i>What is Earth's place in the universe?</i>
c. using context to construct meaning	<p>Math K-2 Lesson 1 – TG p. 1 <i>How do you count?</i> Lesson 13 – TG p. 73 <i>How much space does it take up?</i> Lesson 14 – TG p. 79 <i>How much does it weigh?</i> Lesson 17 – TG p. 97 <i>Where are you now?</i></p> <p>Math 3-5 Lesson 3 – TG p. 13 <i>How do we count large amounts?</i> Lesson 5 – TG p. 25 <i>How do you show that a number is not a whole?</i> Lesson 22 – TG p. 127 <i>How do you compare facts and information?</i> Lesson 23 – TG p. 133 <i>Do you think it will happen?</i></p> <p>Science K-2 Lesson 2 – TG p. 7 <i>What are the parts of a plant?</i> Lesson 6 – TG p. 31 <i>How do mammals grow and change?</i> Lesson 17 – TG p. 97 <i>How do magnets move things?</i> Lesson 22 – TG p. 127 <i>What do you see in the night sky?</i></p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>Science 3-5 Lesson 3 – TG p. 13 <i>How do plants reproduce?</i> Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 14 – TG p. 79 What makes up matter?</p>
d. taking notes to record important information and aid one's own learning	<p>Science 3-5 Lesson 4 – TG p. 19 <i>What is an ecosystem?</i> Lesson 11 – TG p. 61 <i>What causes earthquakes and volcanoes?</i> Lesson 21 – TG p. 121 <i>How does electricity move?</i></p>
e. applying self-monitoring and self-corrective strategies to build and expand a knowledge base	<p>Science 3-5 Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i></p>
f. determining and establishing the conditions that help one become an effective learner (e.g., when, where, how to study)	n/a
g. planning how and when to use cognitive strategies and applying them appropriately to a learning task	Math K-2, Math 3-5, Science K-2, Science 3-5 Each lesson in the <i>CAVS</i> program assists students in choosing appropriate strategies to accomplish specific tasks.
h. actively connecting new information to information previously learned	Math K-2, Math 3-5, Science K-2, Science 3-5 Students have opportunities to connect new information to previously learned information during the "Make Connections" section of the

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p>lessons. For example:</p> <p>Math K-2 Lesson 1 - TG p. 1 <i>How do you count?</i></p> <p>Math 3-5 Lesson 4 - TG p. 19 <i>How do we make equal groups?</i> Lesson 9 – TG p. 49 <i>How can math rules help you solve equations?</i> Lesson 14 – TG p. 79 <i>What are units of measurements?</i></p> <p>Science K-2 Lesson 5 – TG p. 25 <i>How do butterflies grow and change?</i></p> <p>Science 3-5 Lesson 6 – TG p. 31 <i>What helps an organism live in its ecosystem?</i> Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 23 – TG p. 133 <i>What are patterns in the sky?</i></p>
i. evaluating one's own success in a completed learning task	<p>Science 3-5 Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i></p>
j. recognizing the need for and seeking assistance appropriately from others (e.g., teachers, peers, specialists, community members)	<p>Math K-2 Lesson 3 – TG p. 13 <i>How do numbers work together?</i> Lesson 8 – TG p. 43</p>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	<p><i>How do you use money?</i> Lesson 15 – TG p. 85</p> <p><i>How hot or cold is it?</i> Lesson 22 – TG p. 127</p> <p><i>How can you show facts?</i></p> <p>Math 3-5</p> <p>Lesson 1 – TG p. 1</p> <p><i>How can you put numbers in order?</i> Lesson 12 – TG p. 67</p> <p><i>How do you measure flat shapes?</i> Lesson 14 – TG p. 79</p> <p><i>What are units of measurement?</i> Lesson 23 – TG p. 133</p> <p><i>Do you think it will happen?</i></p> <p>Science 3-5</p> <p>Lesson 9 – TG p. 49</p> <p><i>What is the water cycle?</i> Lesson 17 – TG p. 97</p> <p><i>What makes things move?</i></p>
k. imitating the behaviors of native English speakers to complete tasks successfully	<p>Science 3-5</p> <p>Lesson 9 – TG p. 49</p> <p><i>What is the water cycle?</i> Lesson 15 – TG p. 85</p> <p><i>How do we measure matter?</i> Lesson 16 – TG p. 91</p> <p><i>How can matter change?</i></p>
l. knowing when to use native language resources (human and material) to promote understanding	Math K-2, Math 3-5, Science K-2, Science 3-5 Through teacher guidance in each lesson, students

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
	are encouraged to ask peers and teachers to assist them in understanding. <i>CAVS</i> resources should be readily available to students – the Content Picture Dictionaries and cognate charts – both in English-Spanish.
2.3.2 Sample Progress Indicators	
a. use verbal and nonverbal cues to know when to pay attention	Math K-2, Math 3-5, Science K-2, Science 3-5 At the beginning of each math lesson, teachers use the "Engage" section to implement verbal and nonverbal prompts for the listener by using the Concept Posters and the Vocabulary Cards, and by asking questions.
b. make pictures to check comprehension of a story or process	Science K-2 Lesson 4 - TG p. 19 <i>How do frogs grow and change?</i> Lesson 6 – TG p. 31 <i>How do mammals grow and change?</i> Lesson 7 – TG p. 37 <i>Where do plants and animals live?</i> Lesson 8 – TG p. 43 <i>How do living things get food?</i> Science 3-5 Lesson 9 –TG p. 49 <i>What is the water cycle?</i> Lesson 15 – TG p. 85 <i>How do we measure matter?</i> Lesson 23 – TG p. 133 <i>What are patterns in the sky?</i>

National TESOL Standard for Grades K-3	CAVS Teacher's Guide Math Grades K-2, 3-5 and CAVS Teacher's Guide Science Grades K-2, 3-5 Lessons
c. scan an entry in a book to locate information for an assignment	Science 3-5 Lesson 8 – TG p. 43 <i>How are rocks classified?</i> Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i> Lesson 22 – TG p. 127 <i>What is Earth's place in the universe?</i>
d. select materials from school resource collections to complete a project	n/a
e. rehearse and visualize information	Science 3-5 Lesson 15 – TG p. 85 <i>How do we measure matter?</i> Lesson 23 – TG p. 133 <i>What are patterns in the sky?</i>
f. take risks with language	Math K-2, Math 3-5, Science K-2, Science 3-5 In the <i>CAVS</i> program, students are encouraged to take risks with language as they participate in whole group, small group, and paired activities.
g. rephrase, explain, revise, and expand oral or written information to check comprehension	Science 3-5 Lesson 18 – TG p. 103 <i>How do simple machines help things move?</i>
h. seek more knowledgeable others with whom to consult to advance understanding	Math K-2, Math 3-5, Science K-2, Science 3-5 As the teacher circulates in the classroom during lesson activities, students are encouraged to voice their need or understanding of a topic. In group activities students ask questions to clarify meaning and advance understanding of a subject.
i. seek out print and non-print resources in the	Math K-2, Math 3-5, Science K-2, Science 3-5

<p align="center">National TESOL Standard for Grades K-3</p>	<p align="center">CAVS Teacher’s Guide Math Grades K-2, 3-5 and CAVS Teacher’s Guide Science Grades K-2, 3-5 Lessons</p>
<p>native language when needed</p>	<p>Students are encouraged to use <i>CAVS</i> resources – the Content Picture Dictionaries and cognate charts – both in English-Spanish.</p>
<p>Goal 3, Standard 1: To use English in socially and culturally appropriate ways: Students will use the appropriate language variety, register, and genre according to audience, purpose, and setting</p>	
<p>Goal 3, Standard 2: To use English in socially and culturally appropriate ways: Students will use nonverbal communication appropriate to audience, purpose, and setting</p>	
<p>Goal 3, Standard 3: To use English in socially and culturally appropriate ways: Students will use appropriate learning strategies to extend their sociolinguistic and sociocultural competence</p>	
<p>The social and cultural development of language skills for speaking and listening are not directly taught in the <i>CAVS</i> Math and Science programs. Students use social skills for speaking and listening while working in whole group, small group, and paired activities in each lesson.</p>	