

Academic Vocabulary

Researchers such as Kinsela, 2003; Becks, 2002; Marzano, 2005; and Scarcella 2003, stress that vocabulary knowledge is strongly correlated to academic achievement. Academic language or vocabulary is essential to reading comprehension, learning, and applying concepts. This type of vocabulary used during instruction is known as Cognitive Academic Language Proficiency (CALP). It differs from the language used in daily social interactions, known as Basic Interpersonal Communicative Skills (BICS). The WIDA Consortium categorizes academic vocabulary from content areas into three categories – *General*, *Specific* and *Technical* language. ESOL teachers can use *WIDA’s Performance Definitions* to guide their planning for systematic and explicit vocabulary instruction. As the students progress towards attaining English language proficiency, their use of more complex vocabulary must also increase.

Engaging English language learners with vocabulary across the curriculum in multiple contexts and language domains helps them build word consciousness (metalinguistic skills) as well as gain a deeper understanding of concepts. Closing the vocabulary gap for ELLs will level the playing field by providing them a strong foundation for the knowledge and skills needed in the 21st century.

The list on the following page delineates the type of vocabulary needed to access each content area during the marking period. Specific Language Vocabulary words are listed by content because they are important to learning the vocabulary in context during the marking period, however, they may also be used in other content areas.

General Language Vocabulary <i>Words required for basic communication. They are often learned through context.</i>	Specific Language Vocabulary <i>They are academic words that appear in high frequency across content areas and need to be taught explicitly. (Listed in orange.)</i>	Technical Language Vocabulary <i>Words limited to a specific content, low frequency, and best taught in a relevant context. (Listed in black.)</i>
<ul style="list-style-type: none"> • Basic Interpersonal Communicative Skills (BICS) • Highest frequency vocabulary • General content vocabulary 	<ul style="list-style-type: none"> • Appear frequently across content areas (e.g., describe, synthesize, analyze, pattern, solution) • Multiple-meaning words used in a variety of contexts and contents • Provides an efficient way to express a known concept 	<ul style="list-style-type: none"> • Low frequency words or phrases • Limited to a specific content • Best taught in context as needed

Click on link for professional development:

- **What is Academic Language? Webcast**
<http://www.colorincolorado.org/webcasts/academiclanguage/>
- **Articles on academic vocabulary building**
http://www.scoe.org/docs/ah/AH_kinsella2.pdf
<http://innovativocab.wikispaces.com/file/view/MarzVocabiGami.pdf>
http://www.aea267.k12.ia.us/literacy/files/Vocabulary/choosingwords/Which_Words_to_Teach.pdf
- **Models and strategies for Vocabulary Awareness and Mastery** - This model for vocabulary instruction promotes vocabulary building and comprehension (see Slides 19 and 20 when visiting link below)
<http://www.montgomeryschoolsmd.org/departments/development/resources/ELLs/player.html>
<http://www.elltoolbox.com/vocabulary-activities.html>
- **The Language of Mathematics: Indirect Comparison - Which line is longer?**
https://mymcps-instruction.mcpsmd.org/sites/ic/_layouts/mcps.olc.home/resourceview.aspx?ResourceID=2690&ViewPage=1
- **Academic Language Function Toolkit**
<http://orh.sweetwaterschools.org/files/2012/06/Academic-Language-Functions-toolkit.pdf>

[MENU](#)

General Language Vocabulary

Select words based on students' needs to communicate in the classroom and school and to complete specific tasks.

ask, answer, question, read, write, discuss, describe, brainstorm, interview, organize, sort, share, draw, observe, edit (e.g., punctuation, capital letters, spelling), compare, similar/similarity, different/difference, graphic organizer, K-W-L Chart, T Chart, checklist, 1-100 Chart, PE terms (e.g., ball, target, cones, bases)

Thinking and Academic Success Skills Vocabulary – Originality and Metacognition

create, design, new, original, unique, strategies, explain thinking, evaluate, examine thinking, self-monitor

Specific Language Vocabulary and Technical Language Vocabulary by Content

Art	experimentation, environmental observation , creating art (e.g., reasons, process, steps, materials), personal response to artwork (e.g., ideas, thoughts, feelings), art elements (e.g., colors, shapes, lines, textures), form (e.g., 3-D, geometric, organic), pattern (e.g., repetition, center of interest)
Health Education	disease , disease, communicable disease, non-communicable disease, risk factor, bacteria, virus, contagious, germs, transmission, prevent, spread of germs
Information Literacy	inquiry research (e.g., driving/detailed question, topic, keywords, navigational tools, resource), opinion writing (e.g., opinion, slogan, hook, facts, information), print/digital text features (e.g., table of contents, index, photograph, illustration, caption, bold print word, search features, tabs, subject index), citing sources (e.g., source list, title, author, artist, organization, website)
Math	some , adding and subtracting (e.g., 1-digit/2-digit number, equation, unknown, sum, difference, place value, ones, tens, make/compose ten), defining attributes of shapes (e.g., sides, corners, square corners, closed), shapes (e.g., solid/3-dimensional shape, triangle, square, rectangle, circle, hexagon, double hexagon, cube, rectangular prism, sphere, cylinder, cone), partitioning shapes (e.g., whole, partition, equal shares, halves, half of, fourths, fourth of, quarter of), time (e.g., digital clock, analog clock, clock face, hour hand, minute hand, minute, hour, o'clock, on, in between, half-past)
Music	improvise , lyrics, verse, melody, pitch (e.g., pitch pattern, high/higher/highest, low/lower/lowest), rhythm (e.g., rhythm pattern, long/short sounds, silence, beat, ostinato, duple/triple meter), notation (e.g., staff, note, standard notation, quarter rest, quarter note, eighth note), musical jobs (i.e., performer, composer, arranger, conductor, recording engineer), style (e.g., popular, classical)
Physical Education	physical activity (e.g., physical fitness, warm-up, exercise), body terms (e.g., heart, resting/active heart rate, lungs, breathing, sweat), fitness components (e.g., aerobic fitness/cardio respiratory endurance, muscular strength, flexibility), kicking terms (e.g., kick, foot, instep kick, two/three-step run, dribble, force, height, distance, accuracy), striking terms (e.g., underhand throw/strike, bounce-strike, continuous strike, body part names, catch), body shapes (e.g., wide, narrow, round, curled)
Reading	character experience/adventure , narrative text (e.g., narrator, character, dialogue, setting, problem, events, solution, ending, central message), poetry (e.g., visualize, mental image), informational text (e.g., information, key details, facts, reasons, main topic/main idea), text features (e.g., title, photograph, illustration, caption, table of contents, chapter heading, index), context clues, sensory word/phrase, root word, word ending, prefix (<i>re-</i> , <i>un-</i>)
Science and Engineering	needs, wants, tree, data, evidence , natural resources (e.g., water, land, energy), environment (e.g., protect, harm, waste, conserve, conservation, reduce, reuse, recycle, litter/trash, landfill), electrical energy (e.g., electricity, battery, light, heat, sound, motion), materials (e.g., properties, wood, clay, glass, metal, cloth, paper, plastic)
Social Studies	gift, decision, transportation, community, communication , goods, product, production, goods and services (e.g., needs, wants, business, resources, natural resource, human resource, capital, capital resource, tools, technology), jobs (e.g., skills, earn money), income, market (e.g., buyer, seller, exchange), economic, economic choice (e.g., value, price/cost, budget), economic decision, allowance, barter
Writing	audience, feelings, ideas, thoughts , poetry (e.g., mental image, couplet, simile, alliteration), informational writing (e.g., topic, opening sentence, hook, facts, details, evidence, reasons, personal experience/connection, ending/closing statement), opinion letter (e.g., opinion statement/paragraph, slogan, heading, greeting, salutation, signature), text features (e.g., title, photograph, illustration, caption, table of contents, chapter heading, index), procedural writing (e.g., how-to, numbered steps, materials list), adjective, sensory word, noun, verb, present/future tense, article, pronoun, preposition, temporal words, conjunction, compound sentence

Note: Use this document to select the requisite academic vocabulary necessary to make the content of the curriculum comprehensible for ESOL students. Words are listed in the order they are addressed during the marking period and grouped according to the context in which they are taught. Specific Language Vocabulary used across contents is listed in **Orange** and Technical Language Vocabulary is listed in **Black**.

[MENU](#)