



## Science Vocabulary List

### Introduction

The GAA 2.0 Extended Content Standards articulate what students with significant cognitive disabilities know and should be able to do at the end of a grade or course. Content-level vocabulary lists have been compiled, in collaboration with Georgia educators, after reviewing the Extended Content Standards to which the GAA 2.0 assessment tasks are aligned. Educators should ensure their students are familiar with the terms found in the vocabulary list as these instructional terms *may also* be found on the GAA 2.0 assessment. The vocabulary list should not be used in isolation but as a resource to support classroom instruction.

### Purpose

The vocabulary list is not task specific. It is a resource to help teachers introduce students to the language used in the extended standards that *may also* appear in the assessment.

Educators created a list of content-specific words to supplement the language of the standards that may need to be introduced, reviewed, or practiced with the student prior to testing. Additionally, terms/phrases such as 'complete this sentence', or 'show me', are included to help students access the directions or questions within an assessment task.

The vocabulary list is not an exhaustive list of terms that should be taught. This is a limited list of additional words that can be used when teaching and assessing the material found in the Extended Content Standards. Proper nouns that are already included in the language of the extended standards are not reflected in the vocabulary lists.

The vocabulary list can also be used to help guide the selection of words for use with an AAC/AT device, aid in the creation of word banks, assist in the preparation of tactile adaptations for instruction, etc. Sign interpreters may use the vocabulary list to review technical vocabulary in advance of testing to ensure consistency in delivery between instruction and assessment.

## Grade 5

amphibian	erosion	nucleus
animal	evidence	observation
animal cell	fish	observe
battery	gas	odor
bird	group	organism
cell	heat	physical change
cell wall	hypothesis	plant
characteristic	identify	plant cell
chemical change	insulator	power
chlorophyll	invertebrate	predict
chloroplast	investigation	process
color	label	producer
compare	length	reptile
component	light bulb	sand dune
conductor	liquid	separate
constructive process	mammal	simple electrical circuit
contrast	manipulate	sort
cytoplasm	match	statement
data	material	substance
delta	matter	surface feature
deposition	measure	switch
destructive process	membrane	temperature
dry	mix	vertebrate
earth	model	volcano
electricity	mountain	weathering
energy	natural	wire
environment	non-seed producer/plant	

## Grade 8

acceleration	gas	Newton's Laws of Motion
amplitude	gravitation	particle
balanced force	gravitational field	physical change
boiling point	gravity	potential energy
chemical change	heat transfer	predict
compare	identify	proton
conduction	insulator	radiation
conductor	investigation	solid
contrast	kinetic energy	sound
convection	label	speed
crest	magnet	statement
density	magnetic field	states of matter
dissolve	mass	system
distance	match	temperature
electric field	matter	thermal energy
electromagnetic waves	mechanical waves	transformation
electron	melting point	trough
energy	model	unbalanced force
evaporate	molecular motion	velocity
evidence	motion	wave
force	movement	wavelength
frequency	neutron	

## High School

acceleration	evidence	organism
acid	experiment	osmosis
acidic	factor	passive
active	fire	pattern
agitation	flood	pH
amphibian	food chain	photosynthesis
animal	food pyramid	pollute
base	food web	predict
basic	force	property
cell	growth	pyramid
cell membrane	habitat	rate
cell wall	homeostasis	reaction
cellular transport	human activity	reptile
change	identify	respiration
chemical	investigation	role
chloroplast	label	sequence
classify	liquid	simple machine
climate	litmus paper	solute
color	mammal	solution
compare	mass	solvent
concentration	match	statement
conductivity	matter	stir
contrast	mechanical advantage	structure
cytoplasm	mitochondria	substance
digestion	mix	surface area
dissolve	model	survive
drought	motion	temperature
ecosystem	Newton's Laws of Motion	transport
effect	nucleus	velocity
energy	observation	work
energy pyramid	organelle	
environment		