

Terminology from Grade 4 CAPS and Workbooks

Natural Sciences and Technology

NB: In all instances, the English entries should be understood to assume their verb form meanings, and thus translates as such to other languages.

No.	English	IsiXhosa
1.	absorb	funxa
2.	absorbent	isifunxi
3.	acasia	umnga
4.	access	ukungena
5.	adapt	lungele
6.	aim	injongo
7.	air	umoya; air
8.	air pollution	ungcoliseko lomoya
9.	amphibian	amfibhiyeni; isiphilimhlabeni nasemanzini
10.	animal	silwanyana
11.	ant	mbovane
12.	apparatus	iapharathasi
13.	aquarium	iakhwariyam
14.	arm	ingalo
15.	asparagus	asiparagasi
16.	assemble	dibana
17.	attract	tsala
18.	autumn	ukwindla
19.	baboon	imfene
20.	baby	mntwana
21.	back	
22.	backbone	thambo lomqolo
23.	bar	ibha
24.	bark	ixolo
25.	basil	bheyizili
26.	bat	ilulwane
27.	beak	umlomo wentaka; ibhikhi
28.	beam	bhim
29.	bean	mboty
30.	bear	bhere
31.	beaver	ibhiva

32.	bee	nyosi
33.	bend	goba
34.	bilharzia	manzabomvu; bhilihariziya
35.	bird	ntaka
36.	blackjack	mhlabangula; mhlabangubo
37.	blood	igazi
38.	blood vessel	mthambo
39.	blow	vuthela
40.	blowfly	sibawu
41.	blue crane	indwe
42.	body	mzimba
43.	boil	bila
44.	bolt	bholthi
45.	bone	thambo
46.	borehole	bhohowuli
47.	boulder	ilitye elisisithinteli
48.	brace (noun)	bhreyisi
49.	branch	sebe
50.	breath	mphefumlo
51.	breathe	phefumla
52.	bridge	bhulorho
53.	brood	fukama
54.	brown	mdaka
55.	bud	ithupha
56.	buffalo	nyathi
57.	build	yakha
58.	building	sakhiwo
59.	bull	nkunzi yenkomo
60.	bullfrog	nkunzi yesele
61.	burn	tsha
62.	burrow	mngxuma
63.	bush	tyholo
64.	bushpig	hagu yasendle
65.	butterfly	bhabhathane
66.	buzzard	bhazadi
67.	cactus	khakthasi
68.	cage	kheyiji
69.	calf	thole lenkomo; nkonyana
70.	camel	nkamela

71.	camouflage	khamaflaja
72.	carbon dioxide	khabonidayoksayidi
73.	carrot	mnqathe
74.	cartilage	ntlala
75.	cat	kati
76.	caterpillar	mbungu
77.	cave	mqolomba
78.	centimetre	sentimitha
79.	centipede	nkuma
80.	ceramics	seramiksi
81.	chain	tsheyini; tyathanga; mqokozo
82.	chair	situlo
83.	chameleon	lovane
84.	characteristic	phawu
85.	cheetah	ngwenkala
86.	chemical	khemikhali
87.	chemoreceptors	khemoriseptha
88.	chest	sifuba
89.	chicken	ntshontsho lenkukhu
90.	chimpanzee	tshimpanzi
91.	chocolate	tshokholeyithi
92.	circular	setyhula
93.	clamp	klempu
94.	classify	calula
95.	claw	zipho lwentaka; zipho lwesilwanyana
96.	clay	dongwe
97.	cliff	liwa
98.	climate	klayimeyithi
99.	clock	kiloko
100.	cloud	lifu
101.	coal	lahle
102.	cock	mqhagi
103.	cockroach	iphela
104.	coins	ngqekembe
105.	cold	banda
106.	collapse	kholapsa
107.	collect	qokelela
108.	colony	bubu
109.	colour	mbala

110.	column	kholom
111.	common	qhelekileyo
112.	communicate	nxibelelana
113.	compare	thelekisa
114.	compost	khompowusti; mbolo
115.	compression	ukucinezela
116.	condense	khondensa
117.	conditions	imo; imeko
118.	connector	konektha
119.	constraint	mqobo; bunzima; sithintelo
120.	construct	yakha
121.	Corrugated iron	zinke
122.	crane	khreyini
123.	cricket	nyenzane; kritsi
124.	crocodile	ngwenya
125.	cutting (noun)	khathingi
126.	cycle	mjikelo; sayikile
127.	cylinder	isilinda
128.	degrees Celsius (°C)	digriziselishiyasi
129.	design	yila
130.	develop	ukukhula; ukuphuhla
131.	diagram	diyagram
132.	diarrhoea	rhudo; ukuhambisa
133.	difference	umahluko
134.	discover	fumanisa
135.	disease	sifo
136.	distance	mgama
137.	distinguish	hlula
138.	domestic (animal)	yasekhaya
139.	dormant	domenti
140.	droplet	qabazana; thontsana
141.	drought	mbalela
142.	ear	ndlebe
143.	earthworm	msundululu
144.	edge	phundu
145.	elbow	ngqiniba
146.	ember	malahle avuthayo
147.	endangered	mngciphekweni
148.	energy	eneji

149.	environment	imo; meko; envayiromenti
150.	equipment	sixhobo
151.	estimate	qikelela
152.	evaluate	vavanya; evaluweyitha
153.	evaporate	evaphoreyitha
154.	excrete	ekskritha
155.	exotic	-yenze indawo; ekzothiki
156.	experiment	eksperimenti
157.	eye	liso; lihlo
158.	fair test	fethesti
159.	farm	fama
160.	feather	usiba
161.	feed	yondla; fida
162.	fertilise	chumisa
163.	fertiliser	sichumisi
164.	fibre	fayibha
165.	filter	hluza
166.	finger	mnwe
167.	fish	ntlanzi
168.	flame	dangatye
169.	flexible	vumayo
170.	float	flowutha
171.	flow	flowa
172.	flower	ntyatyambo
173.	fly	bhabha; mpukane
174.	fold(ing)	songa; ukuphinda
175.	foot	nyawo
176.	force	ifosi
177.	forest	hlathi
178.	fossil	siqina
179.	fountain	mthombo
180.	frame	freyim; uphahla; sakhelo
181.	freeze	khenkca
182.	fruit	siqhamo
183.	function	msebenzi
184.	galjoen	rhaliyuni
185.	garden	gadi; sitiya
186.	gas	gesi
187.	germinate	jemineyitha

188.	graph	grafu
189.	grassland	grasilendi
190.	grow	khula
191.	gusset	gasethi
192.	guy	igayi
193.	habitat	habhithathi
194.	hard	qinile; meleleyo
195.	hardness	ukuqina; ukomelela
196.	hatch	qandusela
197.	hawk	khetshe
198.	head	ntloko
199.	heart	ntliziyo
200.	heat	yenza shushu
201.	heavy	nzima
202.	height	mphakamo
203.	helium	hiliyam
204.	hexagon	heksagoni
205.	hibernate	ukuzifihla; fuduka
206.	hollow	holoholo
207.	hoof	uphuphu
208.	horizontal	horizontali
209.	horn	phondo
210.	identify	phawula; chonga; fumanisa
211.	illustrate	bonisa
212.	indigenous	-emveli; -omgquba
213.	infection	suleleko
214.	insect	sinambuzane
215.	invertebrate	invethebhreyithi; izilwanyana ezingenathambo lomqolo
216.	investigate	phanda
217.	investigation	uphando
218.	invisible	-ngabonakaliyo
219.	irrigate	nkcenkceshela
220.	jaw	umhlathi
221.	label	leyibhela
222.	lagoon	ichibi lolwandle
223.	lake	leyikhi
224.	land	mhlaba
225.	leaf	gqabi

226.	leather	ufele
227.	leg	mlenze
228.	length	bude
229.	life	bomi
230.	Life cycle	mjikelo wobomi
231.	life process	layifuphrosesi
232.	light	ukukhanya
233.	limb	ngalo
234.	liquid	lwelo; likhwidi
235.	live	hlala; philayo
236.	living	hlalayo; philileyo
237.	log	siqobo; log
238.	lung	mphunga
239.	make	yenza
240.	malaria	maleriya; malaleveva
241.	mammal	mamali
242.	manufacture	manyufektsha; velisa
243.	manure	umgquba
244.	mass	bunzima
245.	mate	ukukhwela; ukukhwelwa
246.	material	imathiriyeli
247.	matter	imatha
248.	measure	meta; linganisa
249.	melt	nyibilika
250.	metal	ntsimbi; sinyithi
251.	metre	imitha
252.	microscope	sibonisikhulu; mayikhroskopu
253.	mineral	simbiwa; minerali
254.	mist	nkungu
255.	mixture	mxube
256.	model	modeli
257.	modern	yale mihla
258.	moisture	ufumo
259.	mosquito	ngcongconi
260.	mould	ngundo
261.	mouth	mlomo
262.	move	shukuma
263.	mucus	mfinya
264.	muscle	sihlunu

265.	nature	ndalo
266.	neck	ntamo
267.	nest	ndlwane; inesi
268.	non-living	-ngaphiliyo
269.	non-metal	-ngeyontsimbi
270.	nose	mpumlo
271.	nostril	ithatha
272.	nursery	nesari
273.	nutrient	sondlo
274.	nutrition	nyutrishini
275.	object	obhujekthi
276.	observe	qwalasela; obhuzeva
277.	organ	ilungu; ogani
278.	organism	oganizim; eziphilayo
279.	oxygen	oksijini
280.	pet	siloqabane
281.	pillar	ntsika; iphila
282.	plant	sityalo
283.	plantation	ihlathi elityaliweyo
284.	plough	lima
285.	poison	tyhefu
286.	pollen	pholeni
287.	pollution	ngcoliseko
288.	pond	sadunge
289.	precipitation	presipiteyishini
290.	predator	phrideyitha
291.	predict	qikelela
292.	prey	ixhoba
293.	process	phrosesi
294.	produce	velisa
295.	producer	sivelisi
296.	property	propati
297.	pulp	phalphu
298.	pylon	phayiloni
299.	raw	raw
300.	record	shicilela; rekhoda
301.	recycle	risayikla
302.	reproduce	velisa; zalisa
303.	reptile	sirhubuluzi

304.	residue	ntlenge
305.	rib	bambo
306.	rigid	rijidi
307.	ripe	vuthiwe
308.	roof	uphahla
309.	root	ngcambu
310.	rope	iruphu
311.	saliva	mathe
312.	science	sayensi
313.	scientist	sosayensi; sonzululwazi
314.	seed	mbewu
315.	seedling	isithole
316.	sense	sivo; sensi
317.	serrated	sereyithedi
318.	shell	sheli
319.	shelter	sheltha
320.	shrubs	izihlahla
321.	sieve	sihluzo; ntluzo
322.	similarity	mfano
323.	skeleton	sikelethoni
324.	sketch	siketshi
325.	skin	sikhumba
326.	skull	khakhayi
327.	sky	sibhakabhaka
328.	slimy	mtiyibilizi; mpunyunyu; mpuncuncu
329.	smell	vumba; nukisa; joja
330.	smoke	msi; qhumisa; tshaya
331.	snow	khephu
332.	soak	nyela; nya
333.	soft	thambile
334.	soil	mhlaba
335.	solid	solidi
336.	solidify	solidifaya; qinisa
337.	sort	sota
338.	source	sosi
339.	sow	hlwayela
340.	span	spana
341.	species	spisisi
342.	specification	sipesifikheyishini

343.	spine	mqolo
344.	stable	zinzile
345.	state	imo
346.	steam	mphunga; stim
347.	steel	stil
348.	stem	siqu
349.	stiff	stifu
350.	strength	ukomelela
351.	strengthen	melelisa
352.	structure	straktsha
353.	strut	strathi
354.	substance	sabhustensi
355.	sun	langa
356.	sunlight	kukhanya kwelanga
357.	support	xhasa
358.	surface	mphezulu; safesi
359.	system	isistim
360.	tadpole	nojubalala
361.	tail	msila
362.	taste	ngcamla; ncasa
363.	technology	teknoloji
364.	temperature	qondo lobushushu
365.	tension	thenshini
366.	tentacle	thentekli
367.	test	thesti; thesta
368.	thermometer	themometha
369.	tie	thayi
370.	toe	zwane
371.	tongue	lwimi
372.	tool	isixhoba
373.	tooth	zinyo
374.	toughness	ukomelela
375.	tower	thawa
376.	traditional	-emvelo
377.	transpiration	transipireyishini
378.	transport	hambisa
379.	tree	mthi
380.	triangulation	trayendyuleyishini
381.	trunk	tranki; sibhukubhuku

382.	truss	kapu; trasi
383.	tuber	tyhubha
384.	tubing	ukwenza ityhubhu
385.	tubular	butyhubhu
386.	urine	mchamo
387.	variables	variyebhuli
388.	vegetation	tyani
389.	vein	veyini
390.	vertebrate	Vethebhreyithi; -nethambo lomqolo
391.	visible	bonakalayo
392.	visual	bonwayo
393.	volume	mthamo; volyum
394.	warmth	ukufudumala
395.	waste	nkunkuma
396.	water cycle	mjikelo wamanzi
397.	water vapour	wothaveyipha
398.	waterproof	khuselobumanzi; ngangenimanzi
399.	weather	mozulu
400.	webbed foot	nyawo lokudada
401.	weed	ukhula
402.	weight	weyithi
403.	wetland	umhlaba olijojo; wethilendi
404.	whisker	ibhovu
405.	wind	moya ovuthuzayo
406.	wing	phiko
407.	wither	buna
408.	yeast	gwele

Bibliography

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