

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	Xitsonga
1.	absorb	tswonga
2.	absorbent	xitswongi
3.	acasia	akhaxiya
4.	access	<i>ku fikelela</i>
5.	adapt	ku titoloveta
6.	aim	xikongomelo
7.	air	moya
8.	air pollution	nthyakiso wa moya
9.	amphibian	amfibiya
10.	animal	xiharhi
11.	ant	risokoti
12.	apparatus	xitirhisiwa
13.	aquarium	akhwariyamu
14.	arm	voko
15.	asparagus	asiparagasi
16.	assemble	hlengeleta

17.	attract	kungana
18.	autumn	xixikana
19.	baboon	mfenhe
20.	baby	n'wana
21.	backbone	xitiyanhlana
22.	bar	bara
23.	basil	basili
24.	bat	mangadyana
25.	beak	nomu wa nyanyana
26.	beam	bimi/ ntambeko
27.	bean	nyawa
28.	bear	berhe
29.	beaver	kondlo
30.	bee	nyoxi
31.	bend	petsa
32.	bilharzia	mixixitongati
33.	bird	nyanyana
34.	blackjack	muxiji
35.	blood	ngati
36.	blood vessel	nsiha wa ngati
37.	blow	pfurhetela
38.	blue crane	ntsavila

39.	body	miri
40.	boil	virisa
41.	bolt	bawuti
42.	bone	rhambu
43.	borehole	xibababa
44.	boulder	ribye/ bolidara
45.	brace (noun)	bureyisi
46.	branch	rhavi
47.	breath	hefemula
48.	breathe	ku hefemula
49.	bridge	buloho
50.	brood	ntlhambi
51.	brown	buraweni
52.	bud	ku hluka
53.	Buffalo	nyarhi
54.	build	aka
55.	building	muako
56.	bull	nkuzi
57.	bullfrog	khutla
58.	burn	hisa
59.	burrow	mugodi
60.	bush	xihlahla

61.	butterfly	phaphatana
62.	buzzard	gama
63.	cage	hoko
64.	calf	rhole
65.	camel	<i>kamela</i>
66.	camouflage	ku titumbeta
67.	carbon dioxide	moyakhubu
68.	carrot	kheroto
69.	cartilage	nxorhoxoho
70.	cat	ximanga
71.	caterpillar	khataphila / xivungu
72.	cave	baku
73.	centimetre	sentimitara
74.	centipede	sukumbela
75.	chain	nketana
76.	chameleon	rimpfani
77.	characteristic	swihlawulekisi
78.	cheetah	xinkakaka
79.	chemical	khemikhali
80.	chest	xifuva
81.	chimpanzee	mfenhe
82.	circular	xirhendzevutana

83.	clamp	ximanyiso/ manyisa
84.	classify	tlawahata
85.	claw	minwala ya xiharhi
86.	clay	vumba
87.	cliff	riwa
88.	climate	ku cinca ka maxelo
89.	cloud	papa
90.	coal	malahla
91.	colony	xisaka xa masokoti
92.	column	<i>kholumu</i>
93.	compare	fananisa
94.	compost	manyoro
95.	compression	ntsongohato / ku gandla
96.	condition	xiyimo
97.	connector	xihlanganisi
98.	constraint	xipimelo
99.	Construct	ku aka
100.	crane	xitlakulandzhwalo
101.	cricket	thonono
102.	crocodile	ngwenya
103.	cycle	ndzhendzeleko
104.	cylinder	silindara

105.	design	dizayini
106.	Develop	ndlandlamuxa
107.	diagram	dayagiramu
108.	diarrhoea	nchuluko
109.	difference	ku hambana
110.	discover	ku tshubula/ ku thumba
111.	disease	vuvabyi
112.	distance	mpfhuka
113.	distinguish	hambanisa
114.	domestic (animal)	swifuwo
115.	dormant	ku etlela
116.	droplet	thonsi
117.	drought	dyondza
118.	drown	ku nwela
119.	ear	ndleve
120.	earthworm	xikwa
121.	edge	rigiyagiya
122.	elbow	xikokola
123.	ember	embara
124.	endangered	nghozini
125.	energy	eneji/ matimba
126.	environment	mbango

127.	equipment	switirhisiwa
128.	estimate	<i>kumbetela</i>
129.	evaluate	hlela
130.	evaporate	nyukela
131.	excrete	humisa
132.	experiment	xiperimente
133.	eye	tihlo
134.	farm	purasi
135.	feather	risiva
136.	feed	ku phamela
137.	fertilise	nonisa
138.	fertiliser	xinonisi
139.	fibre	byewu
140.	filter	ku sefa
141.	finger	rintiho
142.	fish	nhlampfi
143.	flame	langavi
144.	flexible	ku olova
145.	float	papama
146.	flow	khuluka
147.	flower	xiluva
148.	fly	haha

149.	fold(ing)	petsa
150.	foot	nkondzo
151.	forest	xihlahla
152.	fossil	maselela
153.	fountain	xihlovo
154.	frame	rimba
155.	fruit	muhandzu
156.	function	ntirho
157.	galjoen	gentle
158.	gas	gasi
159.	germinate	mirisa
160.	graph	girafu
161.	grow	kurisa
162.	gusset	gasete/ xitiyisi
163.	habitat	vutshamo
164.	hard	nonoha
165.	hardness	ku nonoha
166.	hatch	tlhotlhora
167.	hawk	xikhwezana
168.	head	nhloko
169.	heart	mbilu
170.	heat (verb)	hisa

171.	heavy	tika
172.	height	vulehi
173.	helium	hiliyamu
174.	hexagon	yinhlatsevu
175.	hibernate	ku tumbela hi nguva
176.	hollow	nkele
177.	hoof	xirhendze xa xiharhi
178.	horizontal	vunavi
179.	horn	rimhondzo
180.	identify	kombisa
181.	illustrate	kombisa
182.	indigenous	xidzi
183.	infection	tlulela
184.	insect	xitsotswana
185.	instrument	xitirhisiwa
186.	invertebrate	kala longo
187.	investigate	lavisisa
188.	investigation	ndzavisiso
189.	invisible	nga vonaki
190.	irrigate	cheleta
191.	jaw	rihlaya
192.	kidney	yinsu

193.	knee	tsolo
194.	label	thyana
195.	lake	tiva
196.	land	tiko/ misava
197.	leaf	tluka
198.	leather	dzovo
199.	leg	nenge
200.	length	vulehi
201.	life	vutomi
202.	Life cycle	ndzhendzeleko wa vutomi
203.	life process	endlelo ra vutomi
204.	light	ku vonakala
205.	limb	xirho
206.	liquid	xihalaki
207.	live	hanya
208.	living	ku hanya
209.	lung	hawu
210.	make	endla
211.	malaria	dari
212.	mammal	ximamisi/ xian'wisi
213.	manufacture	tumbuluxa
214.	manure	quva

215.	mass	ntiko
216.	mate	nkundzana (nhlamba)
217.	material	switirhisiwa
218.	matter	nchumu / methara
219.	measure	pima
220.	melt	n'oka/ n'okisa
221.	metal	nsimbhi
222.	metre	mitara
223.	microscope	xivonatsongo
224.	mineral	xicelwa
225.	mist	nkunghwa
226.	mixture	nhlanganiso
227.	model	tumbuluxa
228.	modern	ximanjhemanjhe
229.	moisture	ndzhongo
230.	molar	khuyu
231.	mosquito	nsuna
232.	mould	vumba
233.	mouth	nomu
234.	move	susa
235.	mucus	marhimila / marhikirhiki
236.	muscle	ntlhapfana

237.	nature	ntumbuluko
238.	neck	nhamu
239.	nest	xisaka
240.	non-living	swo ka swi nga hanyi
241.	non-metal	swo ka swi nga ri nsimbhi
242.	nose	nhompfu
243.	nostril	mimbhovo ya nhompfi
244.	nutrient	xiakamiri
245.	nutrition	mphamelo wa miri
246.	object	nchumu
247.	observe	xiyaxiya
248.	organ	xirho
249.	organism	oganizimi
250.	oxygen	moya wo tenga
251.	pillar	phuphu
252.	plant	ximila
253.	plough	rima
254.	poison	chefu
255.	pollen	nsindza
256.	pollution	nthyakiso
257.	pond	xidan'wana
258.	precipitation	phirisipithexini

259.	predator	xihloti
260.	predict	bvumba
261.	prey	xihlotiwa
262.	process	endlelo
263.	produce	tumbuluxa
264.	producer	xitumbuluxi
265.	property	xihlawukisi
266.	pulp	phalipu
267.	pylon	phayiloni
268.	raw	mbisi
269.	record	tsala / rhekodo
270.	recycle	tirhisa hi vuntswa
271.	reproduce	tswala
272.	reptile	xikokovi
273.	residue	swikampfu
274.	rib	rimbambu
275.	rigid	ku tsetserhela
276.	ripe	vupfa
277.	roof	lwangu
278.	root	rimitsu
279.	rope	ntambhu
280.	saliva	marha

281.	science	sayense
282.	scientist	n'watisayense
283.	seed	mbewu
284.	Seedling	ximilana
285.	sense	ku twa
286.	serrated	ximeno
287.	shell	khamba
288.	shelter	vutumbelo
289.	shrubs	swimidyana
290.	sieve	sefo
291.	similarity	ku fanana
292.	skeleton	xikelentoni
293.	sketch	mpfapfarhuto
294.	skin	nhlonghe
295.	skull	xipalapala
296.	sky	xibakabaka
297.	slimy	ku rheta
298.	smell	ku nuha
299.	smoke	musi
300.	snow	gamboko
301.	soak	ku loveka
302.	soft	ku olova

303.	soil	misava
304.	solid	swo tiya
305.	sort	hlawula
306.	source	xihlovo
307.	sow verb)	byala
308.	span	ku leha (vutomi)
309.	stable	tshamiseka
310.	state	xiyimo
311.	steel	nsimbhi
312.	stem	nsinya
313.	stiff	ku tiya
314.	strength	ku tiya
315.	strengthen	ku tiyisa
316.	structure	xivumbeko
317.	strut	xitiyisi
318.	substance	nchumu
319.	sun	dyambu
320.	sunlight	ku vonakala ka dyambu
321.	support	sekelela
322.	survive	hanya
323.	system	sisiteme
324.	tail	ncila

325.	taste	ku ringa
326.	technology	thekinoloji
327.	temperature	mahiselo
328.	tension	thenxini
329.	tentacle	thentikili
330.	thermometer	xipimamahiselo
331.	tie	boha / tsimba
332.	toe	xinkunwanana
333.	tongue	ririmi
334.	tooth	tino
335.	toughness	ku tiya
336.	tower	xihondzo
337.	traditional	swa ndhavuko
338.	transport	swifambo
339.	triangulation	thirangulexini
340.	trunk	nsinya
341.	truss	rimba
342.	tuber	chubu
343.	tubing	ku chubela
344.	tubular	xa chubu
345.	urine	mitsakamino / mixixito
346.	vegetation	khwati

347.	vein	nsiha
348.	vertebrate	swa longo
349.	visible	vonaka
350.	visual	swo vonaka
351.	warmth	ku kufumela
352.	waste	thyaka
353.	water cycle	ndzhendzeleko wa mati
354.	water vapour	nkahelo
355.	waterproof	xo ka xi nga tsakami
356.	weather	maxelo
357.	weed	nhova
358.	weight	ntiko
359.	wetland	swibodhlo
360.	wind	moya
361.	wing	rimpiko
362.	wither	ku vuna
363.	yeast	xivirisi

Bibliography

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