

# SCIENCE UNIT 2

## Vocabulary + Essential Questions

### ENGLISH/SOMALI

act out	അഭിനയിക്കുക	Actuar	divide	ഭാഗം വെക്കുക	dividir
dream	സ്വപ്നം കാണുക	soñar	find	പിടിച്ചെടുക്കുക	buscar
move	നড়াക്കുക	mover	solve	പരിഹരിക്കുക	resolver
play	മത്സരം ചെയ്യുക	jugar	measure	അളക്കുക	medir
ask	പ്രശ്നം ചോദിക്കുക	Preguntar	Resolve	പരിഹരിക്കുക	Resolver
forget	മറന്നു പോകുക	olvidar	explain	വിശദീകരിക്കുക	explicar
become	ഇടയാക്കുക	llegar a ser	calculate	കണക്കാക്കുക	calcular
try	ശ്രമിക്കുക	tratar	Journey	യാത്ര	Viaje
forgive	ക്ഷമിക്കുക	perdonar	count	കണക്കാക്കുക	contar
arrive	വരുന്നത്	llegar	translate	അനുവാദം ചെയ്യുക	traducir
prepare	തയ്യാറെടുക്കുക	Preparar	drink	പാനം ചെയ്യുക	tomar
cry	രോസിക്കുക	llorar	compete	മത്സരിക്കുക	competir
understand	അർത്ഥം മനസ്സിലാക്കുക	comprender	buy	കുറിക്കുക	Comprar
			read	പഠിക്കുക	leer

Unit 2, Set 1 Essential Questions

<b>English</b>	<b>Somali</b>	<b>Somali Phonetic</b>
Where does the energy in our food come from?	Halkeey ka timid tamarta ku jirta cuntadeena?	Halkay ka timid tamartah ku jirta untadenah?
Why do we experiment in science?	Maxaynu wax uga tijaabinaa sayniska ?	Mahaynu wah uga tijabina sayniskah?
Where do the foods we eat come from?	Halkeey cuntooyinka aan cunno ka yimaadeen?	Halkey unoyinka ann unnoh ka yima-den?

## **Unit 2, Set 1 Vocabulary**

<b>English</b>	<b>Somali</b>	<b>Somali Phonetic</b>
food chain	Silsiladda cuntada	Silsiladda untadah
processed	Hawl la socodsiiyay (la warshadeeyay)	Hawl la so'odsiyay (la warsha-deyay)
arrow	Falaar	Falarr
direction	Jihada	Jihada
energy	Tamar	Tamar
flow	Qulqul	Qul-qul
movement	Dhaqdhaqaaq	Dhaq-dhaqaaq
source* (beginning)	Isha wax ka soo baxaan (bilowga)	Isha wah ka so bahan (bilowga)
sun	Qoraxda	Qorah-dah
caloric intake*	Qaadashada tamarta	Qadashadah tamartah
consumer*/consumer	Macaamiisha/Macaa	Ma'amishah/ma'amis

*	miisha	hah
consumption*	Isticmaalka	Isti'malkah
depend on	Ku tiirsanaan (isku haleyn)	Ku tirsanan (iskuh-halain)
originates* (comes from)	Asalkiisa ka soo jeedo (ka yimaado)	Asalkisa ka so jedoh (ka yimadoh)
overweight	Cayilan (miisaan had dhaaf ah leh)	Ayilan (Misan had-dhafah leh)
producer*/produce*	Soo saare/soo saaris	So sareh/So saris
animal	Xayawaanka	Haya-wankah
chicken	Digaag	Digag
cow	Sac	Sa'
dairy	Cunooyinka Caanaha	Unoyin-kah Anaha
eggs	Ukun	Ukun
fish	Kalluun	Kallun
fruit	Furuuto	Furuuto
goat	Ari	Ari'
grain	Badar (xaruur)	Badar (Harur)
meat	Hilib	Hilib
poultry*	Digaagga	Digaggah
protein*	Barootiin	Barotin
raw	Ceyriin	Ayrin
vegetable	Khudaar	Khudarr

## Unit 2, Set 2 Essential Questions

English	Somali	Somali Phonetic
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Why are seeds important for plant growth?	Waa maxay sababta ay miraha muhiim ugu yihiin koritaanka dhirta?	Wa mahay sababta ay miraha muhin uguh yihin koritanka dhirtah?
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## Unit 2, Set 2 Vocabulary

English	Somali	Somali Phonetic
data interpretation	Farisaadda xogta	Fasiradah-hogtah
germinate/germination	Biqilin/biqlika	Biqilin/biqilka
air	Hawada	Hawadah
conditions	Xaaladaha	Haladaha
environment	Bay'adda	Bay'adah
moisture	Dhereb (qooyaan)	Dhereb (qoya'an)
shade	Hooska	Hoskah
soil	Ciidda	Eiddah
sunlight/light	Iftiinka qoraxda/iftiin	Iftinka qorahdah/iftin
temperature	Heerkulka	Herkul-kah
water	Biyaha	Biyaha
procedure	Nidaamka wax loo maro	Nidamkah wah lo maro
bar graph	Garaaf jiiimeed	Garaf jitimed
data	Xogta	Hogtah
data table	Shaxda macluumaadka	Shahda ma'lumadkah
explore	Sahmin	Sahmin

interpret*	Turjumaada hadalka	Turjumadah hadalka
make an observation	Indha-indhayn sameey	Indha-indhayn samey
results	Natijoooyinka	Natijoyin-kah
summary/summarize	Kooban/Koobid	Koban/kobid
dispersal*/disperse* (travel/transport)	Firdhinta/firdhin	Firdhintah/firdhin
external* (outside)	Banaanka (dibadda)	Banankah (dibaddah)
immature	Aan qaan gaar ahayn (aan korin)	Ann qan-gar ahayn (ann korin)
internal* (inside)	Gudaha (gudaha)	Gudaha (gudaha)
mature	Qaan gaaray (si buuxda u koray)	Qan garay (si buhda u koray)
compete/competition	U tartamid/tartanka	U tartamid/tartankah
dormant*/dormancy*	Nasasho/nasasho ku jira	Nasasho/nasaho ku jirah
grow/growth	Korid/Koritaanka	Korid/koritankah
journey	Caleen/caleemaha	Ale'en/ale'emaha
leaf/leaves	Wareega nolosa	Waregah noleshah
life cycle	Xididdada	Hiddidadah
roots	Dahaar iniineed	Dahar inined
seed coat	Biqilka miraha abuurka	Biqilka miraha aburkah
seed germination	Geed naqan (geed hadda soo baxay)	Ged naqan (ged hadda so bahay)
seedling	Laamaha yar yar (xiddo)	Lamaha yar-yar (Hiddo)
shoots	Biqilka	Biqilkah

sprouts	Qaybaha geedka laamuhu ka faracmaan	Qaybaha gedka lamuhu ka fara'man
stems	Cunto la keydiyay	Untoh La keydi-yay
stored food	المواد الغذائية المخزنة	almawadd alghidhayiyat almukhzana

## Unit 2, Set 3 Essential Questions

English	Somali	Somali Phonetic
How do plants get the energy to grow?	Sidee dhirta ku heshaa tamarta ay ku korto?	Sideh dhirtah ku heshah tabarta ay ku kortoh?

## Unit 2, Set 3 Vocabulary

English	Somali	Somali Phonetic
experimental design	Naqshadda tijaabada	Naqshadah tijabadah
photosynthesis	Fotosentesis	Foto-sentesis
control	Xukumid (kala dabbirid)	Hukumid (kala dabirid)
control group	Kooxda Tijaabada darasaadda	Kohdah Tijabada darasada
experiment	Tijaabo	Tijaboh
experimental group	Kooxda Tijaabada	Kohda Tijabada

hypothesis	Aragti qiyaaseed (daahfurid)	Aragti qiyased (dahfurid)
materials	Qalabka	Qalabkah
method	Habka	Habkah
procedure	Nidaamka wax loo maro	Nidamkah wah lo maro
research question	Su'aasha cilmi baarista	Su'asha elmi baristah
variables	Doorsoomayaasha	Dorso-mayasha
carbon dioxide	Kaarboon laba ogsaydh	Kaarboon laba ogsaydh
chloroplast	Cagaarside	Agar-sideh
chlororphyll	Cagaariye	Agari-yeh
convert	Beddelid	Beddelid
oxygen	Ogsojiin	Ogsi-jin
stomata	Istomaata (daroolada dahaarka caleenta)	Istomata (dalolada daharkah alenta)
sugar*	Sokor	Sokor
climate*/climatic*	Cimilada/Cimilada la xiriira	Imilada/imilada la hirirah
geography*/geographic*	Juquraafiga/Juquraafi	Juqurafigah/juqurafi la hirirah
location* (place)	Goobta (Meel)	Goob (mell)
surface	Sagxadda (dusha)	Saghadah (dusha)
energy transfer	Gudbinta tamarta	Gudbintah tamarta
input	Waxa meel la geliyo	Waha mell la geliyoh
output	Waxa ka soo baxa	Waha ka so baha
process	Geeddi socodka	Gedi socodkah
absorb* (soak up)	Nuugis (qoyid)	Nugis (qoyid)

function* (job)	Shaqeynaaya (Shaqo)	Shaqeynaya (shaqo)
produce seeds	Soo saara miraha	So sara miraha
structure* (part)	Qaab-dhismeedka (qayb)	Qab-dhismedkah (qayb)
transport* (move/movement)	Qaaditaan/dhaqaaji/ dhaqdhaqaaqa	Qaditan/dhaqaji/dha q-dhaqaaqa
uptake*	Qaadashada	Qadashada

## Unit 2, Set 4 Essential Questions

English	Somali	Somali Phonetic
Why do we measure and record plant growth?	Maxaynu u cabbirnaa una diiwaangelinaa koritaanka dhirta?	Mahaynu u abbirna una diwan-gelina koritankah dhirtah?

## Unit 2, Set 4 Vocabulary

English	Somali	Somali Phonetic
measure/measureme nt	Cabbir/Cabbiraadda	Abbir/Abira-dah
centimeter (cm)	Sentimiitar	Senti-mitar
counting/count	Xisaabin/xisaabi	Hisabin/hisabih
height	Joogga	Joggah



length	Dhererka	Dhererkah
numerical	Tirsi (nambaro leh)	Tirsi (nambaro leh)
qualitative	Tayo ahaan loo eego/tayo leh	Tayo ahan lo egoh/tayo leh
quantitative	Tiro ahaan kolka loo eego	Tiro ahan kolkah lo egoh
ruler	Mastaradda	Mastaradah
unit	Unug	Unug

## Unit 2, Set 5 Essential Questions

English	Somali	Somali Phonetic
How can we use experiments to understand plant growth?	Sideen u isticmaali karnaa tijaabooyin si aan u fahamno koritaanka dhirta?	Siden u isti'mali karnma tijaboyin si ann u fahamnoh koritankah dhirtah?

## Unit 2, Set 5 Vocabulary

English	Somali	Somali Phonetic
affect	Saameyn	Samayn
constant	Joogto ah	Jogtoh ah
effect	Saamayn ku leh	Samayn ku leh
findings	Natijoooyinka	Natijoyin-kah
outcome	Natijada ka soo baxday	Natijadah ka so bahday

predict	Saadalin	Sa'adalin
heading	Cinwaanka	Inwankah
illustrate/illustration	Bandhig tusaalooyin iyo sawiro leh/bandhig taswiir leh	Bandhig tusaloyin iyoh sawiroh leh/bandhig taswir leh
label	Calaamad	Calamad
poster	Musawir	Musawir
research	Cilmi baaris	Elmi baris
science fair presentation	Bandhiga Sayniska	Bandhigah sayniska

## Unit 2, Set 6 Essential Questions

English	Somali	Somali Phonetic
How do we communicate our experimental results?	Sideen dad u gaarsinaa natiijooyinka tijaabadeena?	Siden dad u garsina natijoyinkah tijabadena?

## Unit 2, Set 6 Vocabulary

English	Somali	Somali Phonetic
communication	Isgaarsiinta	Isgar-sintah
conclusions	Gunaanad	Guna-nad
discussions	Doodaha	Dodaha
evaluate	Qiimeey	Qimai
checklist	Liiska warbixinta	Liskah warbihinta

display	Bandhig	Bandhig
organize	Abaabul	Ababul
section headings	Qaybta cinwaanada	Qaybtah inwankah
sections	Qaybaha	Qaybaha
title	Cinwaan	Inwan