



吉娃斯愛科學繪本

邵族語

第02集
智慧地下屋

翻譯
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吉娃斯愛科學

第02集 智慧地下屋

邵族語



族語全文朗讀



華語全文朗讀



英語全文朗讀



吉娃斯

Tumi

飛卉

Diklha

乃奈

Ruthun

里昂

Punul



ma'ania wa ipruq a taun



智慧地下屋

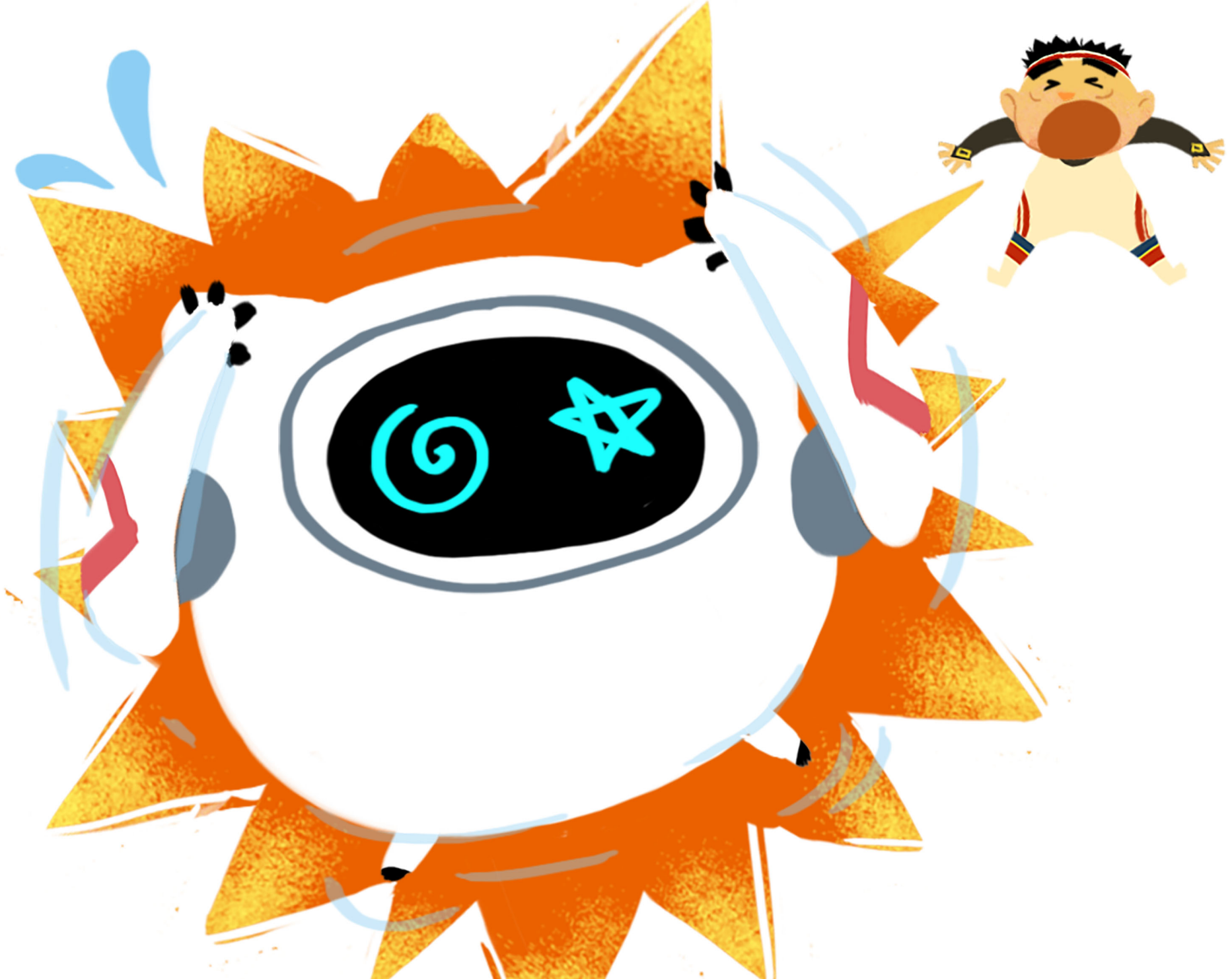


The Wisdom of the Below Ground House

慢

原







Diklha minbabaw antu maqitan! antu maqitan!



不好了!不好了!飛奔大喊著。



Oh no! Oh no! Behuy yells out.







nauriza maqa Ryuk rutawqalian shaunanaiza Ina wa kilhpuz a imangkatha, numawan Diklha antu shaqtun sa Tumi mriqaz a Ivatas.



原來是因為 Ryuk 太空站已經來到地球的另一側，所以飛卉看不到吉娃斯拜訪的 Ivatas 了。



The Ryuk Space Station has traveled to the other side of the earth, so Behuy can't see Ivatas where Giwas is visiting.







panbalabalay, miaqawan shduu munsai minkarunkun a kilhpuz pashtiruq
a pshtiruqan smuqum Ivatas.

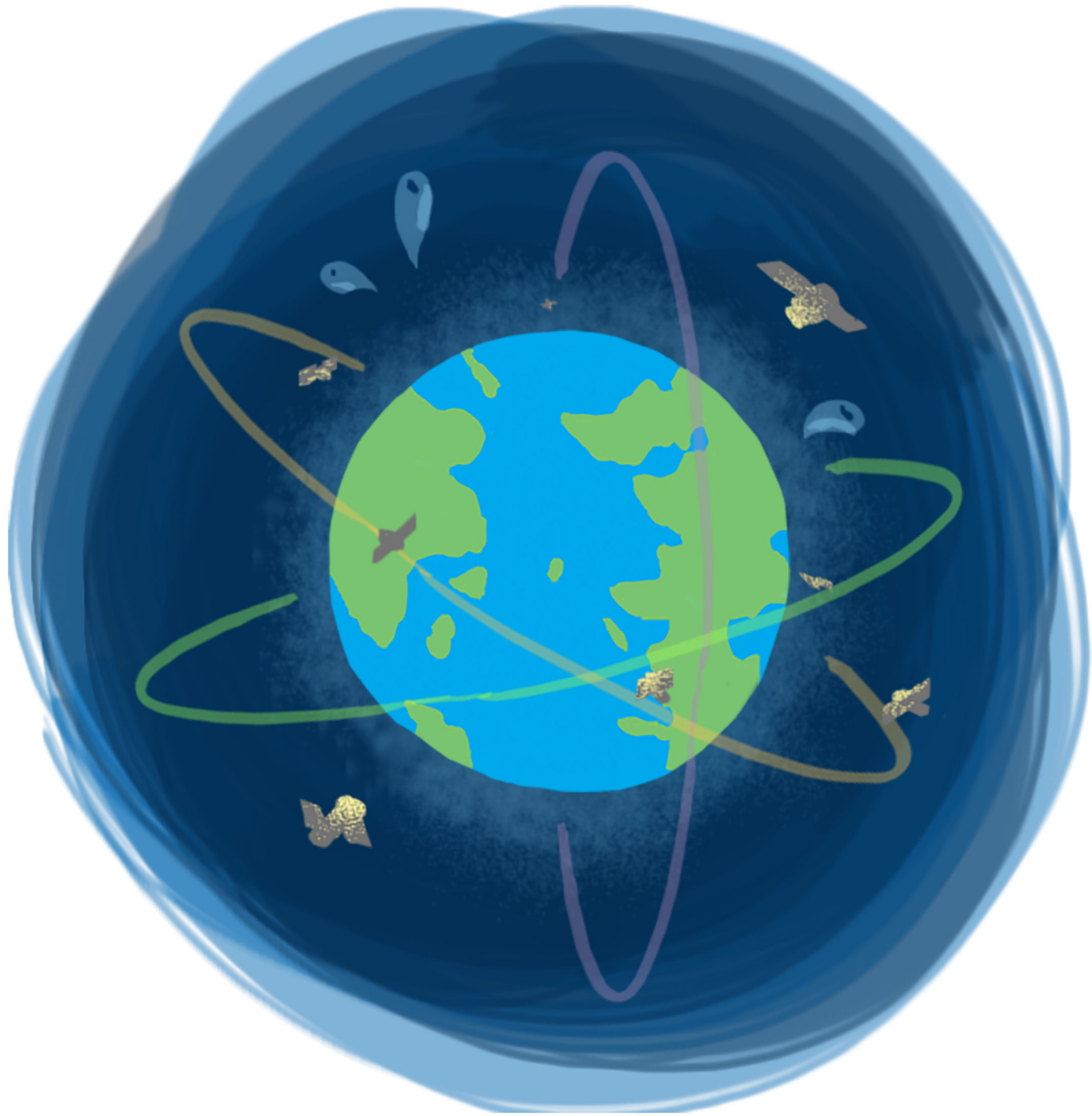


幸好，還可以從衛星拍攝的照片觀察Ivatas。



Luckily, he can still observe Ivatas from satellite images.







maqa qali minkarunkun a kilhpuz munsai manasha wa minkarunkun a kilhpuz iasuunan, malawashwash isai Ina wa kilhpuz a manshirshir, shduu shuutin sa Ina wa kilhpuz tatata wa pruuq a qali.



因為氣象衛星是由許多顆衛星共同組成，散佈在地球的周圍，可以探測到地球每一個地方的天氣。



Meteorological satellite systems are made up of many satellites scattered all around the earth so that they can detect the weather in every part of the earth.

慢

原







maqa ki-suu a lhumpazaw, minkarunkun a kilhpuz antu shduu pulhaqtuan sa urum masa paur, mathuaw mubalabalay mutazam sa marutaw a kushwit numa matumpiq a kushwit a ianan.



而且因為技術的進步，衛星可以不受雲層或水氣的影響，更能準確判斷高氣壓與低氣壓的位置。



Furthermore, because of improvements in technology, satellites are not affected by cloud cover and moisture so they can accurately determine the location of high pressure systems and low pressure systems.

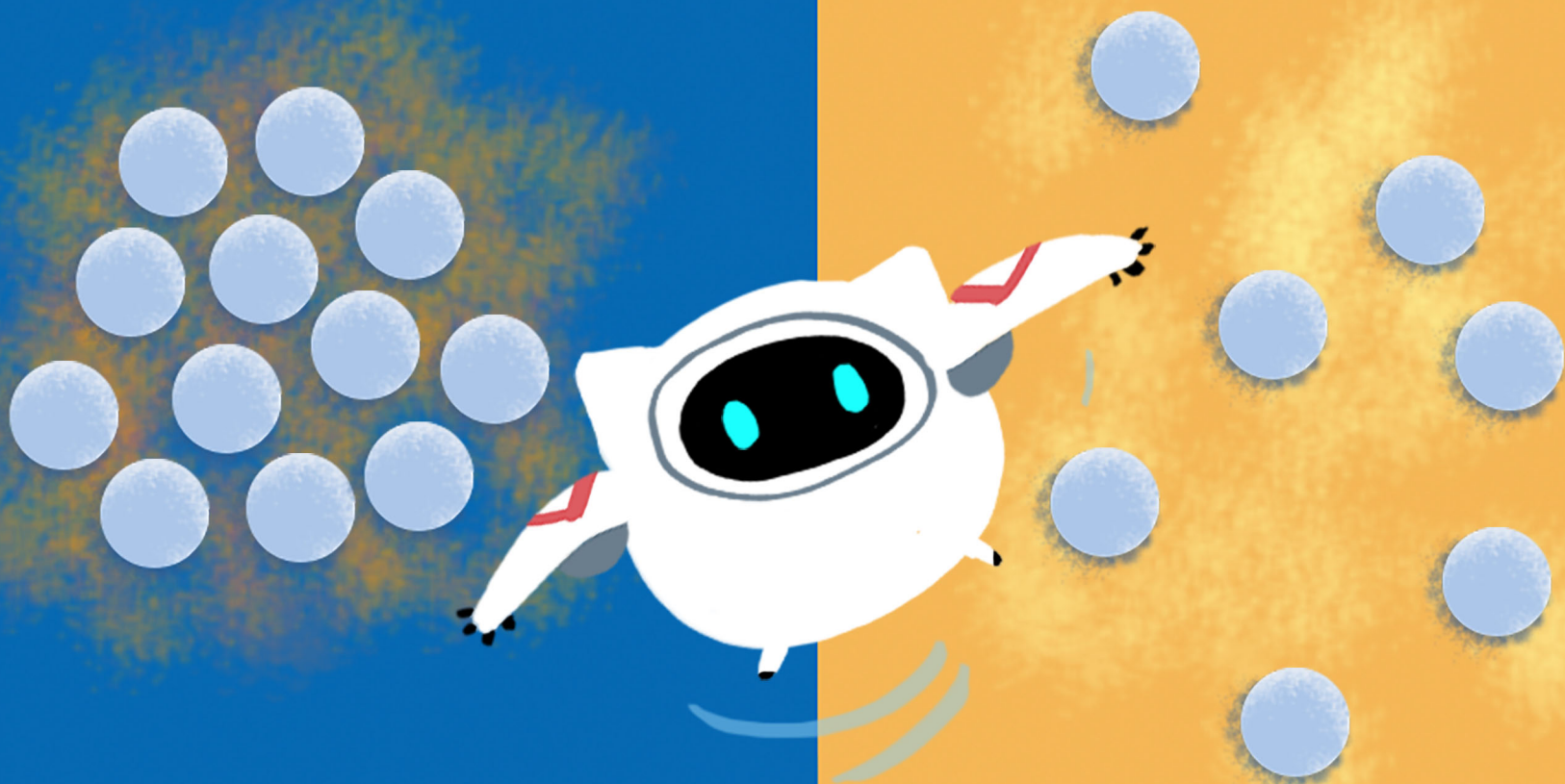
慢

原



高氣壓

低氣壓





ya tata wa prug a makshnaw wa qumbu matirith kitataan marutaw, zain marutaw a kushwit, matirith mat matumpiq zain matumpiq a kushwit.

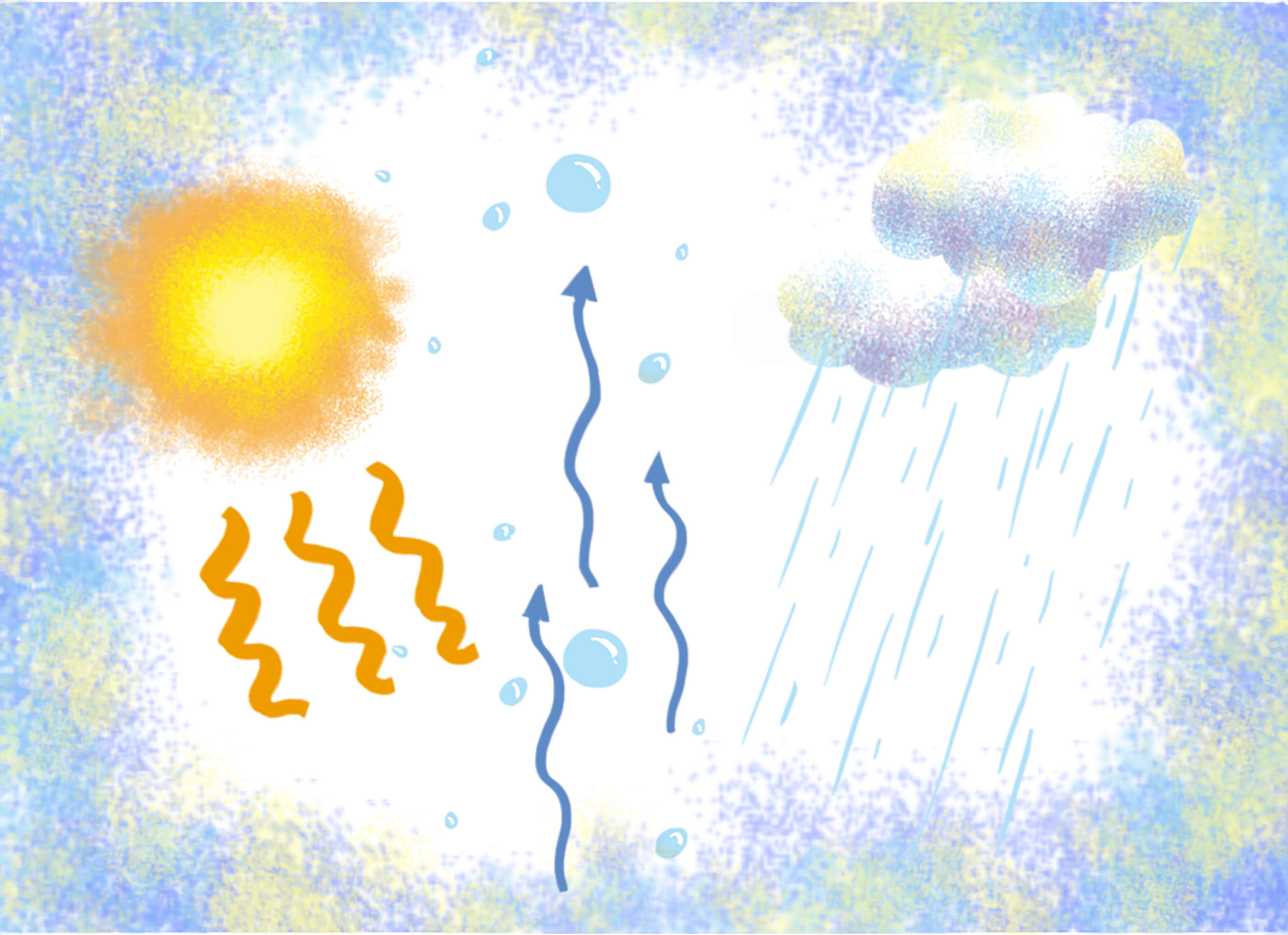


當一個地方空氣分子密度比較高的時候，叫做高氣壓。密度比較低的時候就叫做低氣壓。



When the air molecules in a place have a higher density, this is called high pressure. When the density is lower, it is called low pressure.







ya makshnaw maqa patilhazan numa manafaw sa maqalhuuz, qumbu mintataal a mabishkaw kitataan, matirith put'uka numawan minmatumpiq a kushwit, numa panduu sa lhunbaha wa kushwit manafaw manaraus maqalhuuz, numawan paur samuqin min'urum mararabaza qusazin dai.



當空氣因為太陽照射而提高溫度，分子的平均速率增加，密度減少而形成低氣壓，進而受到浮力上升降溫，使水氣凝結形成雲，容易出現下雨的情況。



When the air temperature becomes higher because of the sun's rays, the average velocity of the molecules increases and the air density decreases forming low pressure. In turn, the air floats upward and the temperature drops, causing water vapor to condense and form clouds, so that there is a high likelihood of rain.

慢

原







Ivatas a qali urumin kifulhaniza qazii amuhiaw qmusaz qa?



Ivatas 的上空被雲層覆蓋了, 是不是快要下雨了呢?



Ivatas is covered in a cloud layer. Is it going to rain there soon?







Tumi mriqaz Ivatas a wazaqan a shirshir mathuaw lamaqitan riqazan! izai rawaz a kataunan antu mararabaza mriqaz a shawashawa'an.



吉娃斯覺得 Ivatas 的海邊好美呀！這是在飛鼠部落很難看到的景色。



Giwas thinks the beaches on Ivatas are so beautiful! This scenery is something she doesn' t often get to see living in Flying Squirrel Village.

慢

原







si Masagaz fuilh pashtay, muhiaw amaqusaziza, apiaruruun mutauniza.



si Masagaz 告訴大家，快要下雨了，該準備回家了。



si Masagaz tells everyone that it is going to rain soon, so it's time to go home.

慢

原







“izui naak a taun.” si Masagaz palhatuzu sa ihazish a tafuq. “minu mihu a taun matumpiq qa?” mathuaw Tumi miku mafazaq.



「那就是我家。」si Masagaz 指著遠處的一個屋頂。「你家怎麼會這麼矮呀？」吉娃斯很好奇。



“That’ s my house.” si Masagaz says as he points to a roof. “Why is your house so low?” Giwas asks curiously.







“maqaran maniun munai iamin Tao a ipruq a taun!” si Masagaz fuilh pashtay.



「歡迎來到我們達悟族的地下屋！」si Masagaz 對大家說。



“Welcome to a below ground house of the Tao people!” si Masagaz tells everyone.







nauriza ipruq a taun miazithuiza kmalawa matumpiq a taun mat prug,
antu kmalawa ipruq.



原來地下屋其實是蓋得比地面還低的屋子，不是蓋在地下！



It turns out a below ground house is built lower than ground level, but not
underground!

慢

原







taun a manshirshir ianan makinmilhbzaw a faruku a kalawan, numa shmapalhiza Wuu a qarithuy a fatu.



房子周圍有一層一層的階梯結構，並且鋪滿了鵝卵石。



Surrounding the house, there is a layered structure of steps covered with cobblestones.







Punul mathuaw masalpu, ya amaqusaz ya ikahi, ipruq a taun aminrauz a waqthan?

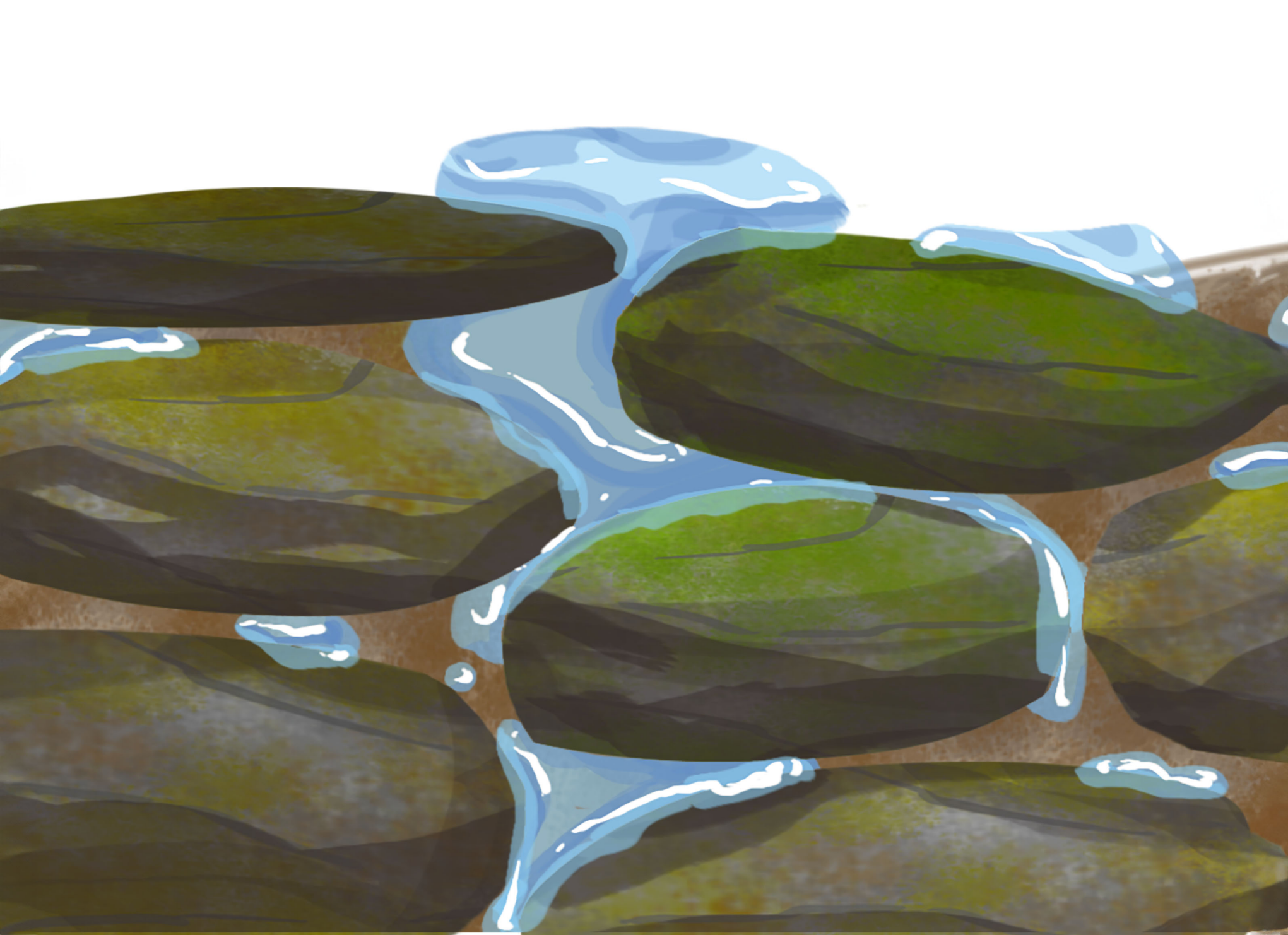


里昂很擔心，等一下要是下雨了，地下屋不就變成游泳池了嗎？



Leon is worried that if it starts raining soon, the below ground house will turn into a swimming pool.







antu kasalpu! latusha Wuu a qarithuy a fatu a fazfaz a mabraq panbalabalay
pungqalhiw sa sazum. antu sazum shainul isa ipruq a taun.



不用擔心！鵝卵石和鵝卵石之間的縫隙剛好可以排水。水不會累積在地下屋。



There' s no need to worry! The spaces between the cobblestones are
perfect for water drainage, so water doesn' t accumulate in the below
ground house.

慢

原







sazum munsai makinmilhbzaw a kalawan manaraus murushrush, numa minqarayza munsai ipruq a taun a pungqalhiw a mabraq mu'apaw murushrushiza, izai a ipruq a taun a inin'ania.



水從一層一層的結構往下流動，最後就會從地下屋的排水口流出去，這就是地下屋的智慧。



The water flows downward from the layered structure and finally flows out from the drainage hole next to the below ground house. This is the wisdom of the below ground house.

慢

原







ipruq a taun tatata wa qrus, tatata wa fatu, az'az si Masagaz a ama ananak tmiruq numa shiashia.



地下屋的每一根柱子，每一塊石頭，都是 si Masagaz 的父親親自挑選和搬運的。



Every column and stone of the below ground house was selected and moved here by si Masagaz' s father.







si Masagaz mzai, thithu ya minra'iniza amakalawa tata inin'ania wa ipruq a taun mani.



si Masagaz 說，他長大也要蓋一座有智慧的地下屋。



si Masagaz says, when he is older, he wants to build a wisely designed below ground house too.







qusaziniza! Tao sa wazaqan qbit a thau, si Masagaz munsai qali mihala wa mafazaq mat qali mihala pishfazaq ma'ania!



下雨了! 達悟族人是海洋民族, si Masagaz 對天氣的預感比氣象預報還準呢!



It starts raining! The Tao people are a people of the ocean, so si Masagaz' s weather predictions are even more accurate than weather reports!







si Masagaz a tantuqash a minlhafut si Mazngang mia'azu pashtay tmuqu sa maqitan makanshuz a pania'an.



si Masagaz 的表姊 si Mazngang 替大家端上拿手好菜。



si Masagaz' s cousin si Mazngang brings out the delicious food she cooked for everyone.







si Masagaz a ama panbalabalay mutauniza.



si Masagaz 的父親也剛好回家了。



si Masagaz' s father has also just come home.







amakaaniza! tatata wa pania'an mathuaw kazima'un!



開飯囉！每一道菜都好美味呀！



It's time to eat! Every dish is so delicious!







Tumi mangqtu alhumfaan, ungqtuan pashtay masbut kmaan sa afu, ani thau tu malhinuna.



吉娃斯想要開口稱讚，卻發現大家都專心吃著飯，沒有人在閒聊。



Giwas wants to compliment the food, but she notices that everyone is so focused on eating that no one is chatting.







maqa Tao ya kmaan afu ya kmaan afu, mangqtu amalhinuna, mitalha ya kminaaniza shduuiza malhinuna.

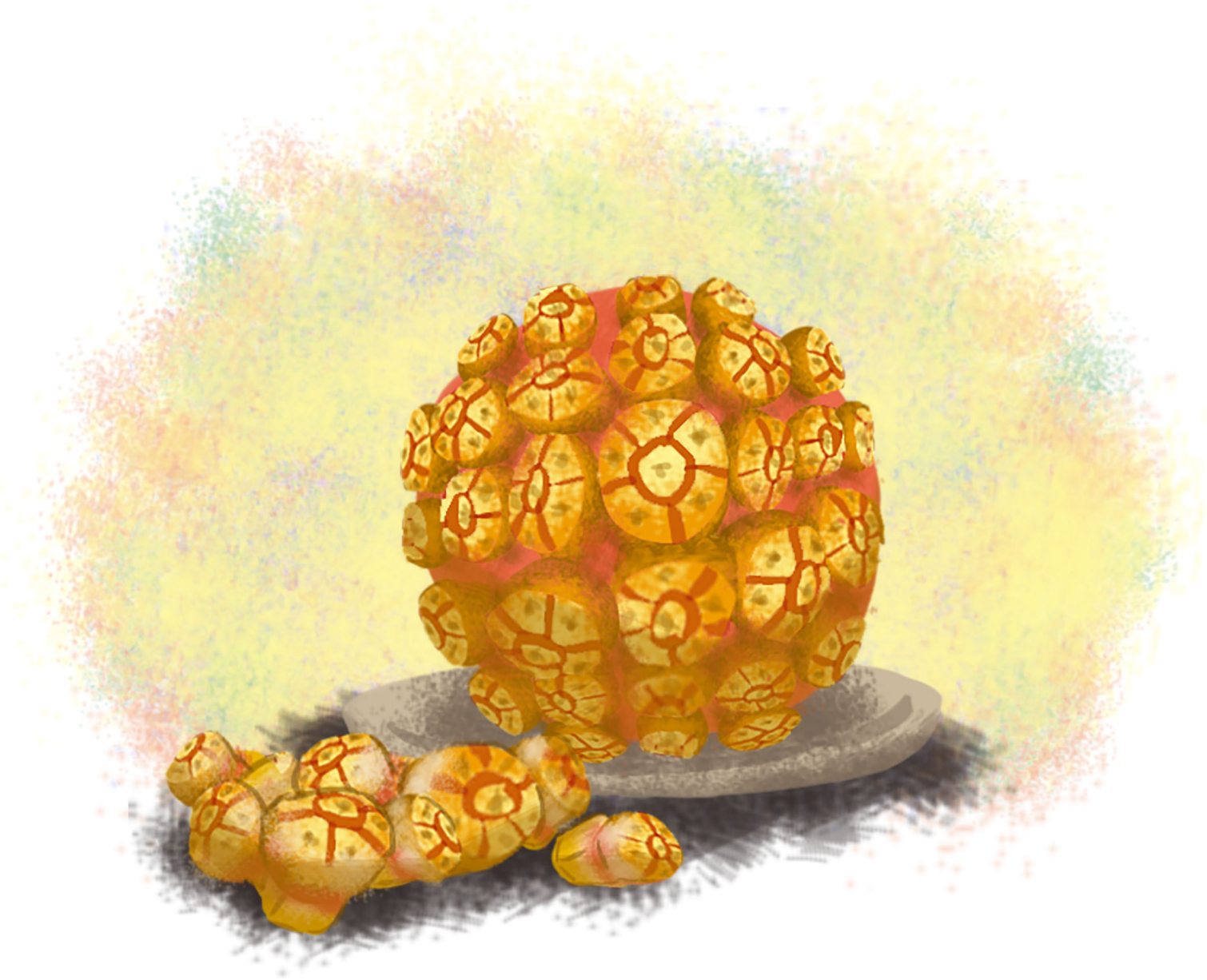


因為達悟族人吃飯就是吃飯，想要說話的話，要等吃完飯才能說呢。



That is because when Tao people eat, they focus on eating. If they have something to say, they wait until after eating to say it.







ya kminaaniza ianan sa kazima'un a Lin-tuu ribush a bunlhaz akaanin,
pashtay mathuaw mashashushashu.



飯後還有新鮮的林投果可以吃，大家都覺得好新奇。



After their meal, there is fresh screwpine fruit to eat, which is a novel treat
for the guests.

慢

原







shduuiza malhinuna. Tumi minbabaw mzai tu ikahi a kakaanin mathuaw
makanshuz kazima'un!



總算可以說話了。吉娃斯大聲地說剛才的食物真的好好吃！



Now that they can finally speak, Giwas loudly exclaims that the food was
so delicious!







si Masagaz fuilh Tumi marfaz rusaw a kazash alhmazawan, ya isisuaiza aitia sa maqitan marfaz a rusaw akaanin.



si Masagaz 告訴吉娃斯, 飛魚季就要開始了, 到時候就有好吃的飛魚可以吃了。



si Masagaz tells Giwas that the flying fish season is about to start, which means soon there will be delicious flying fish to eat.

慢

原







Ruthun shmanash amakaan. thuini a kuntanlhuan dadu mathuaw matinqaran dai!



乃奈也吵著要吃。今天的晚餐真是太歡樂了。



Nainai wants to try some too. Everyone shared such a happy meal today!

慢

原



一般單詞

中文	詞性	族語
觀察	動詞	smuqum
散佈	動詞	malawashwash
探測	動詞	shuutin
水氣	名詞	paur
照射	動詞	malhias
景色	名詞	shawashawa'an
地下屋	名詞	ipruq a taun
一層一層	量詞	makinmilhbzaw
鵝卵石	名詞	Wuu a qarithuy a fatu
縫隙	名詞	mabraq
累積	動詞	shainul
流動	動詞	murushrush
搬運	動詞	shiashia
預感	名詞	mihala mafazaq
端上	動詞	tmuqu

中文	詞性	族語
衛星	名詞	minkarunkun a kilhpuz
地球	名詞	Ina wa kilhpuz
雲層	名詞	urum
高氣壓	名詞	marutaw a kushwit
低氣壓	名詞	matumpiq a kushwit
分子	名詞	qumbu
凝結	動詞	samuqin
浮力	名詞	lhunbaha wa kushwit

科學單詞

吉娃斯愛科學 邵族語

第02集 智慧地下屋

補助單位一 教育部國教署（繪本紙本製作與族語翻譯配音）
計畫名稱 「發現天生科學家：原住民族文化科學學習實踐與發展十年計畫」（第二階段第二年）

補助單位二 國家科學及技術委員會（繪本繪圖製作）
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吉娃斯 愛科學 Go Go Giwas

 粉絲專頁



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