



吉娃斯愛科學繪本

第02集
智慧地下屋

雅美 (達悟) 族語

翻譯 / 配音
sinan Sakayan
(希嫻·紗沓燕)

吉娃斯愛科學

第02集 智慧地下屋

雅美 (達悟) 族語



族語全文朗讀



華語全文朗讀



英語全文朗讀



吉娃斯

Ciwas

飛卉

Veyhwey

乃奈

Naynay

里昂

Di'ang



teneteneng no tao a vahay



智慧地下屋

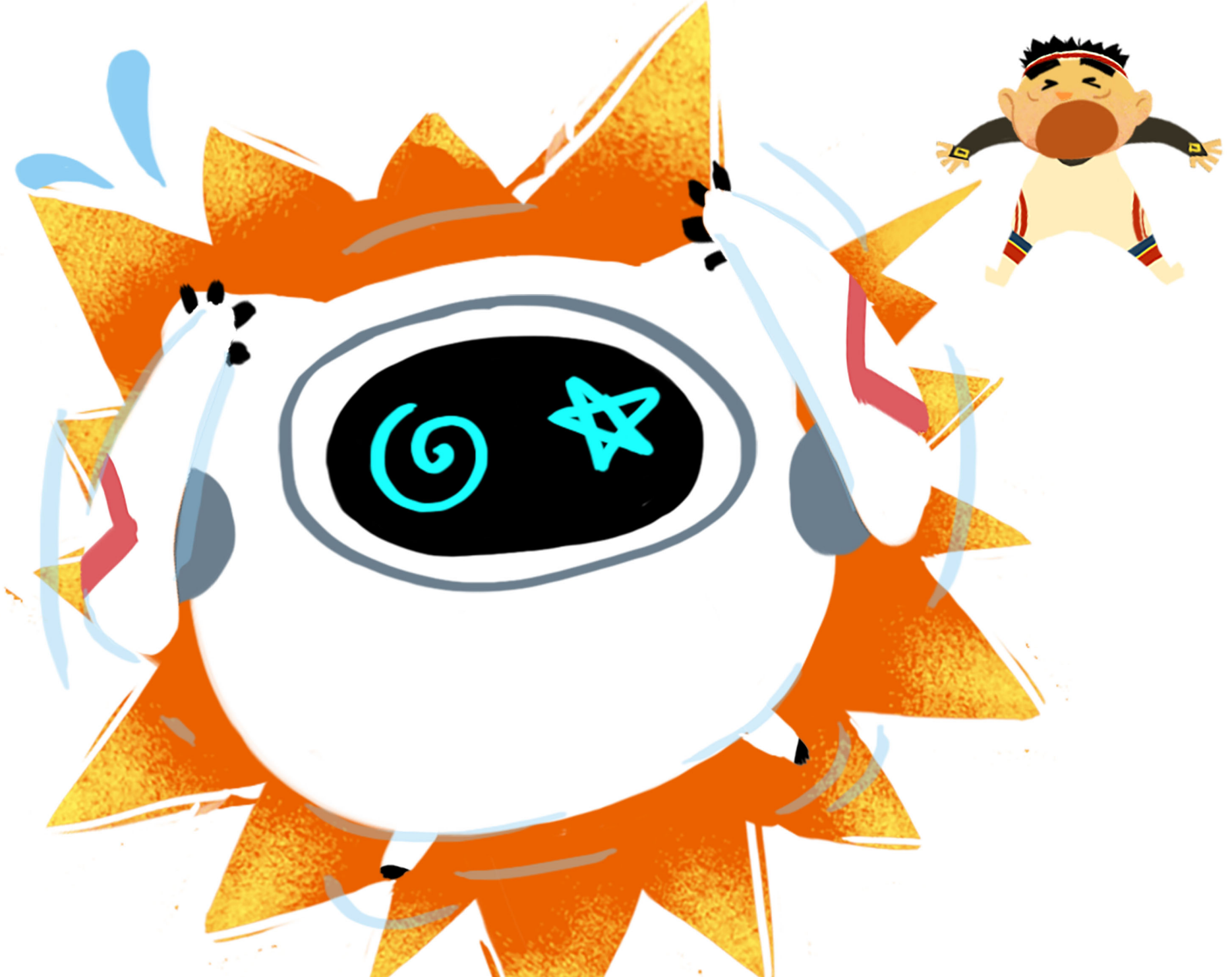


The Wisdom of the Below Ground House

慢

原







“ya na marahet! ya na marahet!” koan ni Veyhwey a amlololos.



不好了!不好了!飛奔大喊著。



Oh no! Oh no! Behuy yells out.







a orii ta o Riok a taykongcan am, nimakaranes rana do kasavik no Ticyow.
so ji na makacitai sia ni Veyhwey so mangay na kasasnadan ni Ciwas a
Ivatas a ili ang.



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.







kapia na ta, to nita o amyapo do oysin a masiva na ili no Ivatas ang.

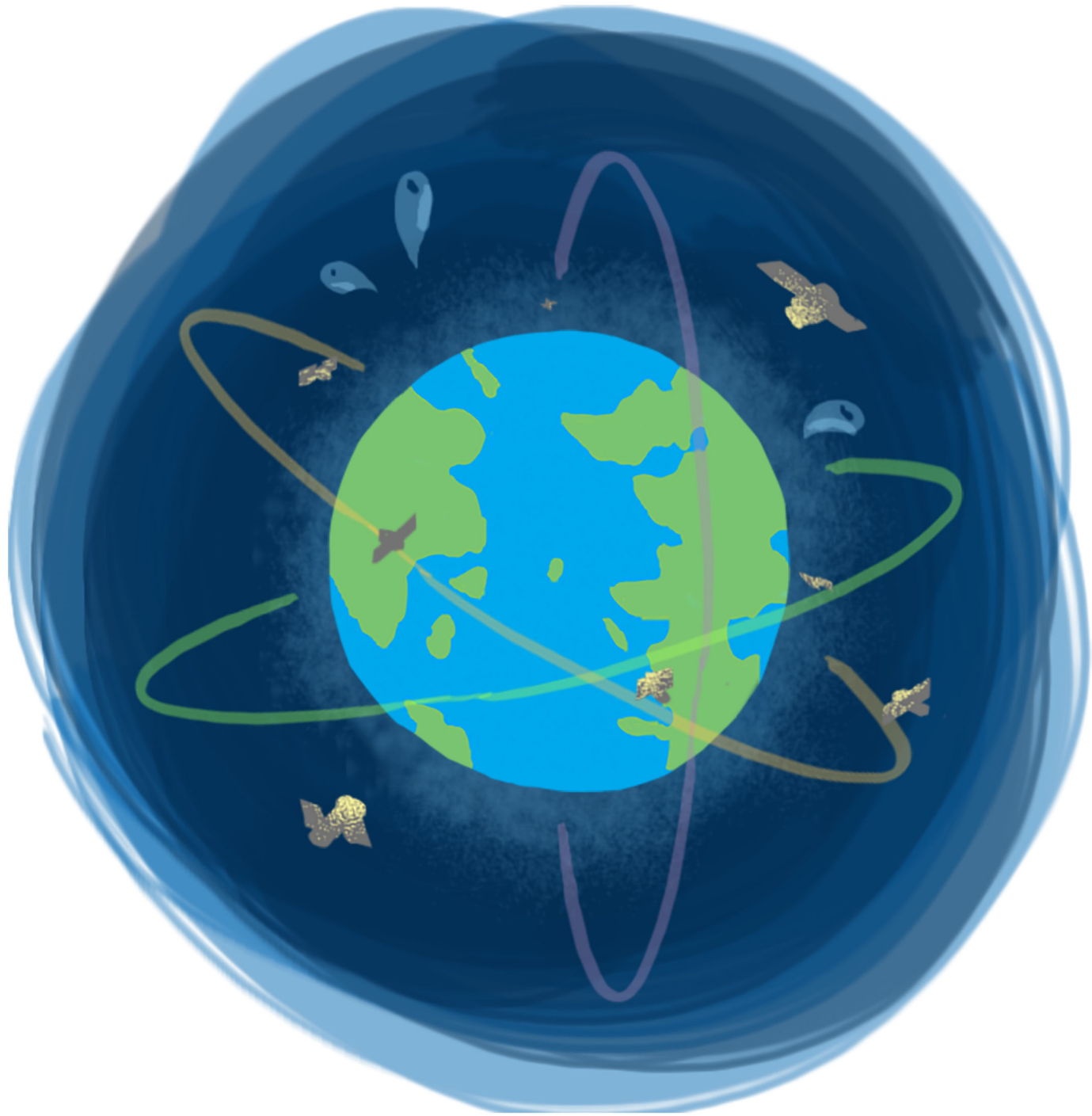


幸好，還可以從衛星拍攝的照片觀察Ivatas。



Luckily, he can still observe Ivatas from satellite images.







ta o makapivazay so palapalangan a oysin am, aro ori a meysinsinmo a oysin, mangay mavonong do edhed no Ticyow. so ipakateneng na do palapalangan no meyciamamahatawan na.



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







a ka no ya to mipakatkat o makakaday siciaikoa ya, o oysin rana am, na ji amaman o mikedekedep a cinalab a ka no alinganga no awa, so ikanehed no pamnekan na do yanan no kawciya a ka no ticiya.



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。

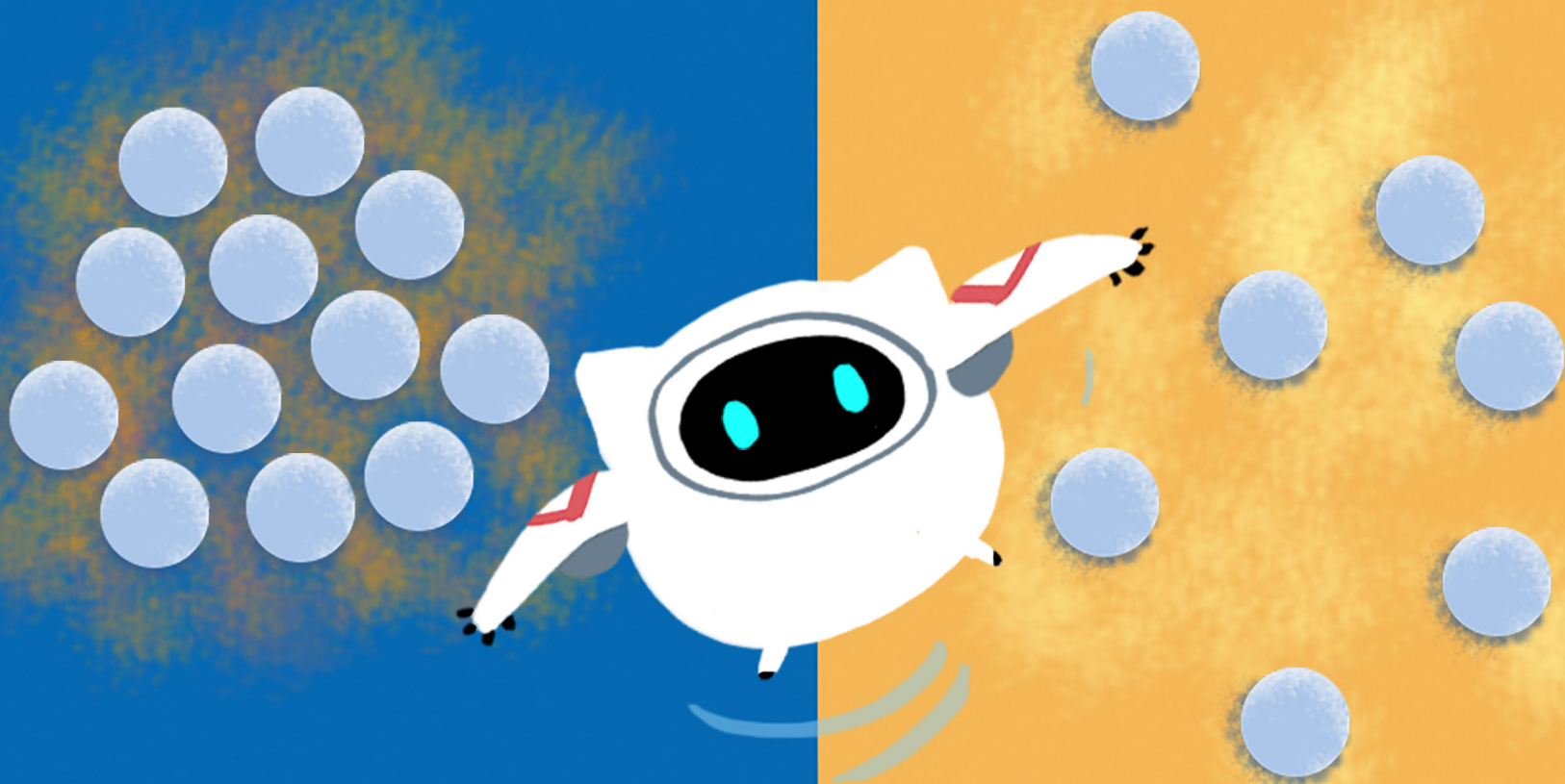


Furthermore, because of improvements in technology, satellites are not affected by cloud cover and moisture so they can accurately determine the location of high pressure systems and low pressure systems.



高氣壓

低氣壓





ta no mian do teyhesa aka evek kapakaliliw so karekmeh am, tovilan do vance no kongci a makarang so mito, ori ipanci a kawciya. a no maliliw o kazidangdang am, maveveh ori a ipanci a ticiya.

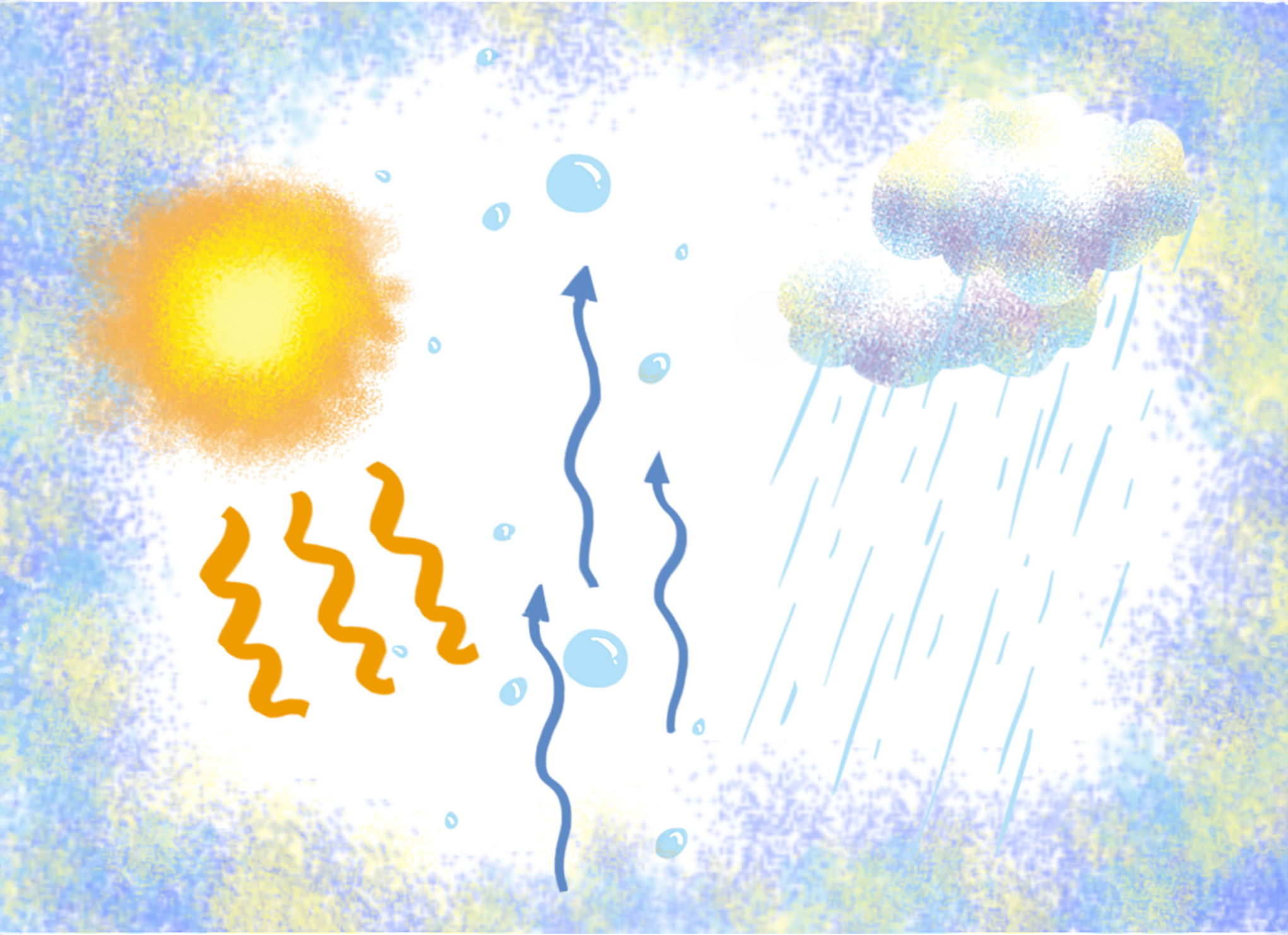


當一個地方空氣分子密度比較高的時候，叫做高氣壓。密度比較低的時候就叫做低氣壓。



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.







a no teymasilag o cirain no araw am, maliliw o keyneynawan a mazidangdang, o vence am miparo, o mito na am mipapereh a mimamayo a ticiya, so ikasengseng na do mipakatkak a vodi a miparekmeh, iciakma na akmey alinganga a amzangaz mivaliw a cinalab, ikasanib no kakawan a macimoy.



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.







ya na mikehekehep o cinalab do teyngato no Ivatas, a ya makeykai rana a macimoy?



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?







to na azwazwaya ni Ciwas o pasalan no Ivatas a apia pilingalingayan! ta abo makoan so sia do ili Jiveyso.



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







maniring si Masagaz jira am, ya todaji acimoy rana, moli tamo rana.



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







marai pa am, todohen na rana ni Masagaz o asa ka atep no vahay “ori o vahay ko.” ipizokab ni Ciwasa a manci no “asio o vahay mo a ya maveveh ang?”



「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.

慢

原







maniring si Masagaz jira am, “ko isaray inio a mai do vahay namen a tao do pongso!”



「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.

慢

原







a ori ta o vahay no tao am, patneken do toda veveveh pa a ka no pantaw,
beken a ya paringen do karehman!



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!







o azazapad no vahay am, mian so meykazazakdangan a rarahan, mamimin a niatoy no erahed.



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.

慢

原







ikamama na ni Di'ang, ta no si toda cimoy sitoai am, ji to meybebneng o ranom do vahay a akmey piawawatan?

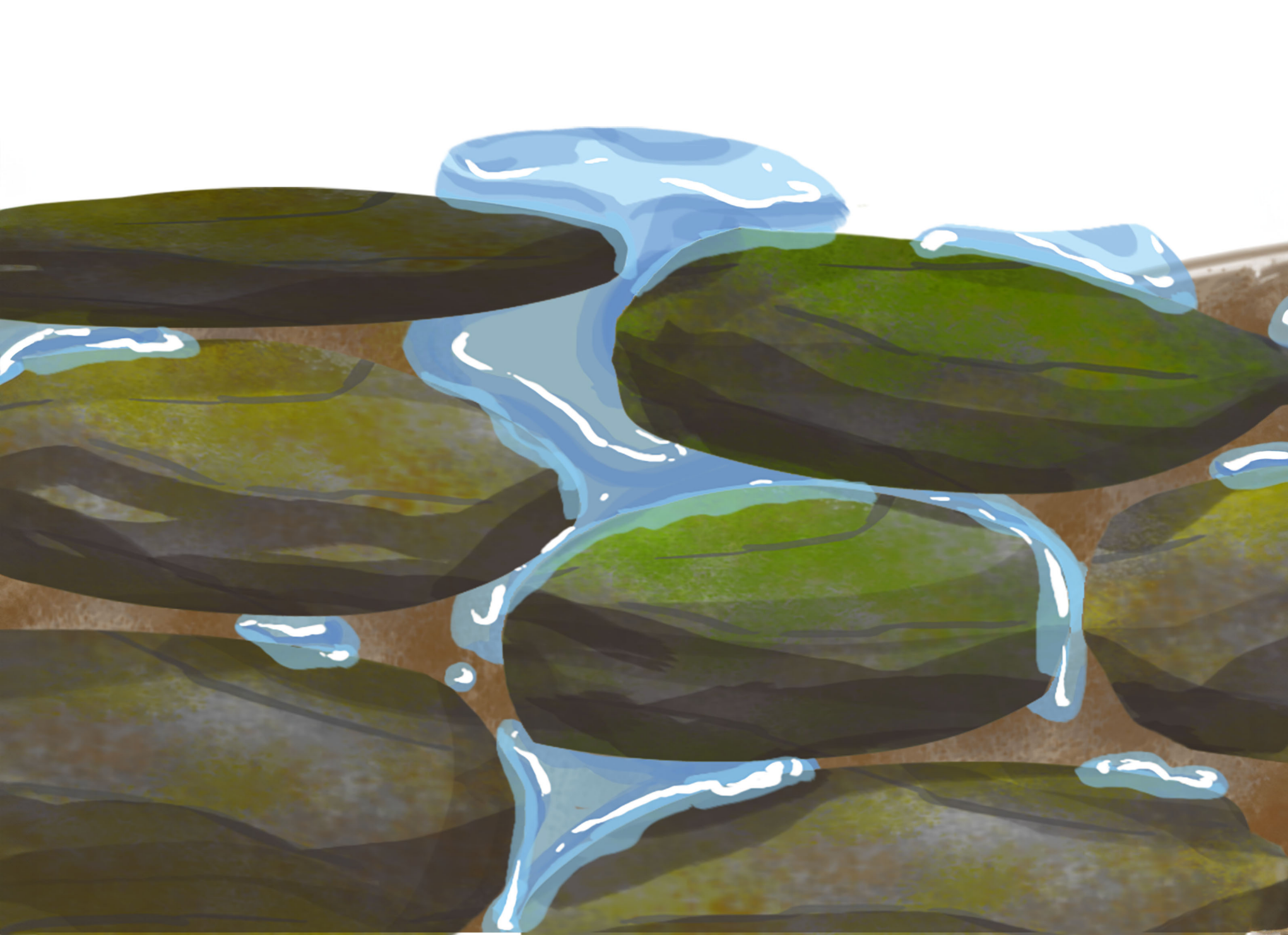


里昂很擔心，等一下要是下雨了，地下屋不就變成游泳池了嗎？



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







ji mo alawan! ta o na kazawangan no atoy a erahed am, ori na mey voyogan no cimoy. so ji na maka peybebnengi do vahay.



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







o ranom am, to nazetazestes a omavak do meykazazakdangan a amvoyog do vavahay no ranom, kangay na rana makowbot do vovoyogan no ranom. am ori o teneteneng no tao no mivahay a.



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







o makakaday a tozak no vahay a ka no ipangatoy a erahed am, mamimin ori a ninana na ni ama na ni Masagaz a niakoakot.



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.







koan ni Masagaz am, no si makaveyvow ko am, mapatnek ko so yanan
no teneteneng no tao do pongso a vahay.



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.

慢

原







ya rana macimoy! ya manoanoyong pa si Masagaz a makateneng do kablis no kakawan a ka no mangonongonong so kakawan a tao, ta mangahangahahap o tao do pongso.



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!

慢

原







si kateysa ni Masagaz a si Mazngang am, panamen na rana o nidengdeng na iyakan.



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.







am todey macinao o ama na ni Masagaz a omrateng do vahay da.



si Masagaz 的父親也剛好回家了。



si Masagaz' s father has also just come home.







koman tamo rana! ya mamimin o iyakan a ya mahangno a pia so kakanan!



開飯囉！每一道菜都好美味呀！



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







naknakmen ni Ciwas o kaazwazway na sia, am macita na sira a makapia koman, abo o tao a migamogamo.



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.







ta o tao rana no koman am toda angan, no mian so ciring am, pateykahen pa o kakan a kapeyzezyak rana.

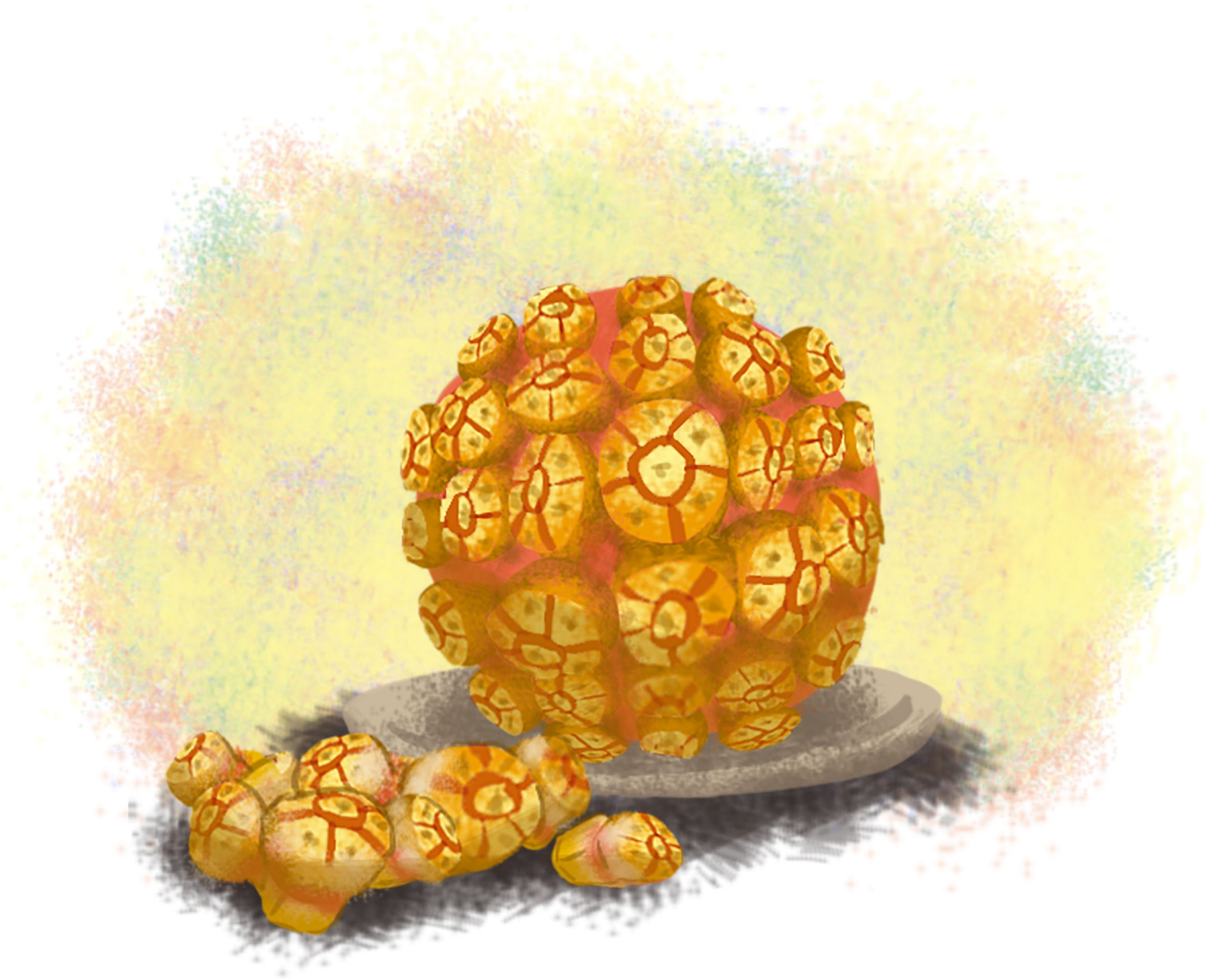


因為達悟族人吃飯就是吃飯，想要說話的話，要等吃完飯才能說呢。



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.







teyka koman sira am, amian paa so vayo a ango a aosen da, iyak da ori a.



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







ayoy ta apia rana kapeyzezyak. to na paciaka ni Ciwas o ciring na a, “ya teyapia o kakanan no tanio niyakan no katoai ang!”



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!







ipanci ni Masagaz ji Ciwas o kapipanam na rana no rayon, so ikakeykai na rana iyan no libangbang a yakan.



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.







to mapasaoz si Naynay a maciakan. ya teywara rana o yoyab siciaraw ya a ya mapasaray.



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
照射	動詞	cirain
屋頂	名詞	atep
矮的	形容詞	maveveh
蓋	動詞	paringen
一層一層	量詞	meykazazakdangan
鵝卵石	名詞	erahed
縫隙	名詞	kazawangan
流動	動詞	amvoyog
智慧	名詞	teneteneng
挑選	動詞	ninana
搬運	動詞	niakoakot
端上	動詞	panamen
新奇的	形容詞	iyak

中文	詞性	族語
衛星	名詞	oysin
地球	名詞	Ticyow
雲層	名詞	cinalab
高氣壓	名詞	kawciya
低氣壓	名詞	ticiya
分子	名詞	vence
凝結	動詞	amzangaz
浮力	名詞	vodi

科學單詞

吉娃斯愛科學 雅美(達悟)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)

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計畫名稱 「吉娃斯愛科學IV：太空站部落」

計畫主持人 傅麗玉
計畫執行單位 國立清華大學原住民族科學發展中心

族語翻譯 sinan Sakayan (希嫻·紗沓燕)
族語配音 sinan Sakayan (希嫻·紗沓燕)
族語翻譯審查 si Somapni (董瑪女)

英語翻譯 Joelle Chevrier (蔡雪青)
英語配音 Barton Steven Grant
華語配音 歐陽年年

協力製作 原金國際有限公司、聲境有限公司
出版日期 中華民國113年6月



吉娃斯 愛科學 Go Go Giwas

 粉絲專頁



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