



吉娃斯愛科學繪本

第01集
大船落成時

賽夏族語

翻譯 / 配音
ya'aw kalahae' kaybaybaw
(高清菊)

吉娃斯愛科學

第01集 大船落成時

賽夏族語



族語全文朗讀



華語全文朗讀



英語全文朗讀



吉娃斯

tiwaS

飛弁

bae'hoj

乃奈

naynay

里昂

li'ang



'ima sobae:oẽh palono' kayzaeh ila ka pinaskayzaeh



大船落成時



The New Boat's completion

慢

原







reyok kakrowaSekan ray kawaS hi bilo: kikay mae'mae'iyach somapih
ila ka kayba:en.



Ryuk太空站的機器人「比路」換上全新造型。



The Ryuk Space Station robot “Biru” has a brand new look.







'ima SaSo' ka tinal'izaeh kayzaeh kapanra:anen, ma' kayzaeh nom ra:ola' ka kaSraykawaS mae'iyaeh pakra:am ka hina'azem ki basang 'ima 'iyakaliyaeh.



新的造型不僅讓比路行動更方便，也能偵測太空人生理和心理的健康狀態。



Not only does this new look allow Biru to move around more easily, it can also detect the mood and emotional health of the astronauts on board.

慢

原







kita'! kita'! ni bae'hoy kinmae'iyachan sopaloy ila!

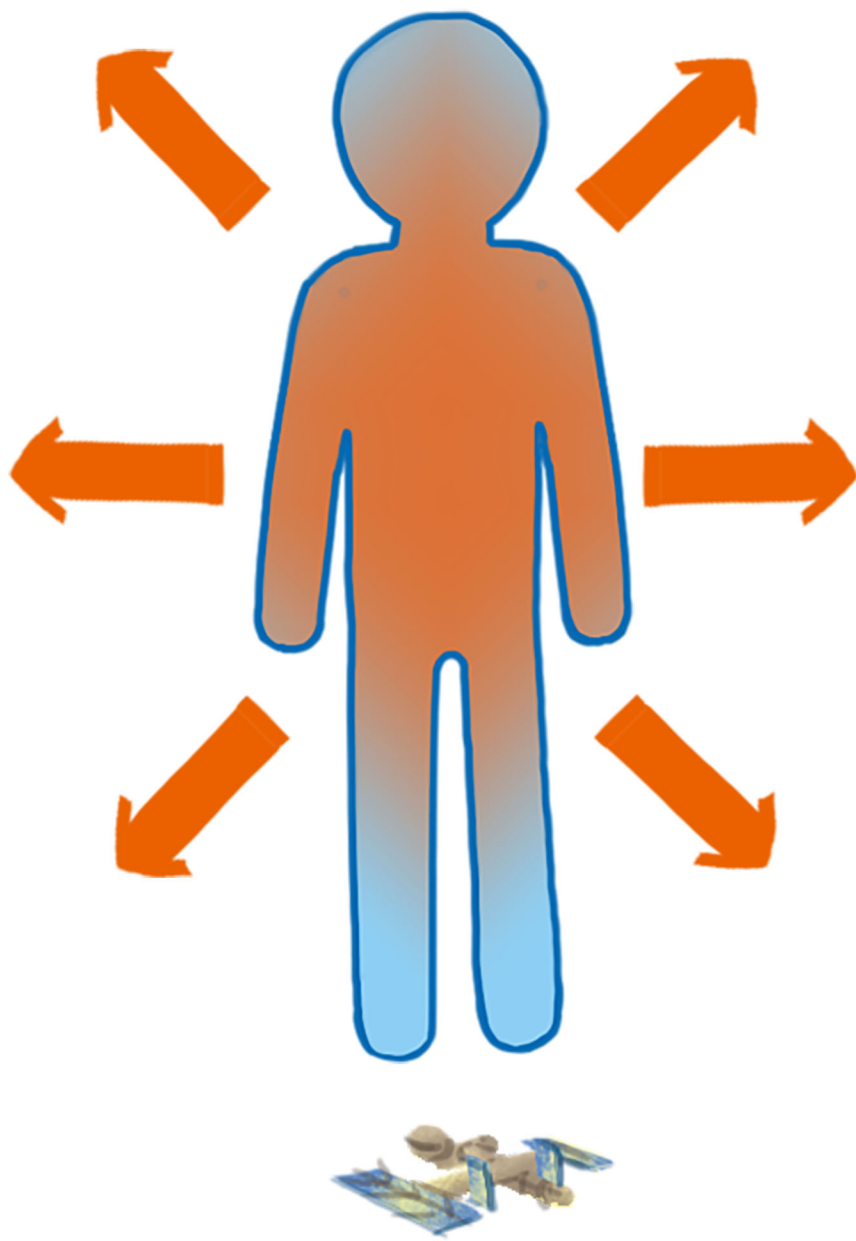
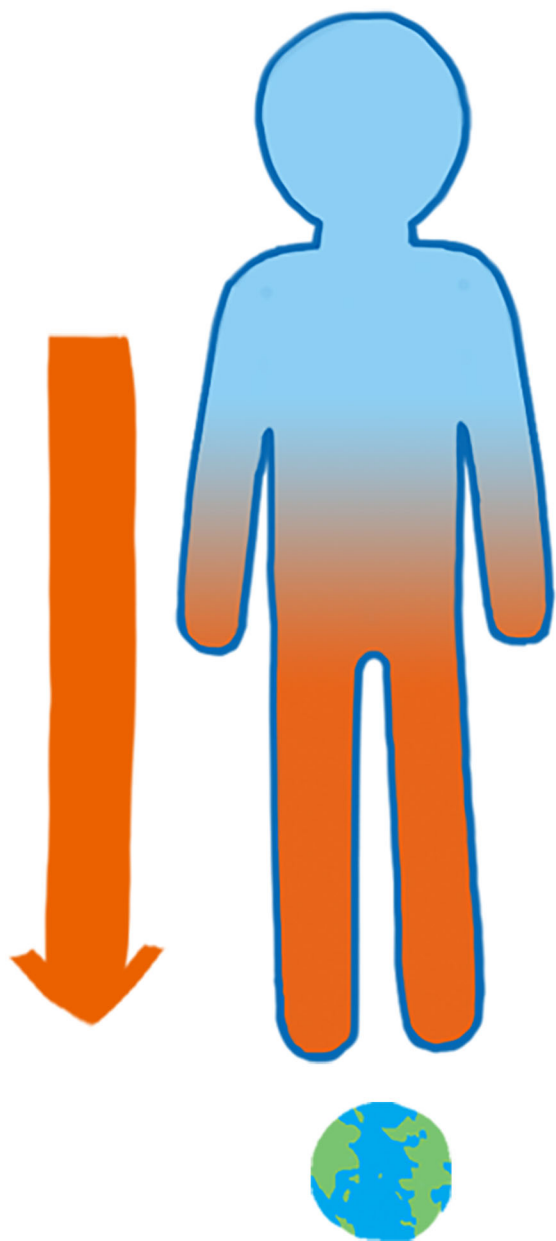


注意! 注意! 飛奔的臉變大了!



Attention! Attention! Behuy' s face has gotten bigger!







'iwa' mae'iyah ray kawaS, noka kakSil'i:an, ramo' rima' ray basang saboeh 'alikaeh no ray 'oem'oemaeh mali', 'isa:a' kinmae'iyah nakhara sopaloy sowiti'.



原來人類在太空的時候，因為微重力的關係，血液會比在地球上更容易往全身流動，所以臉會看起來比較大。

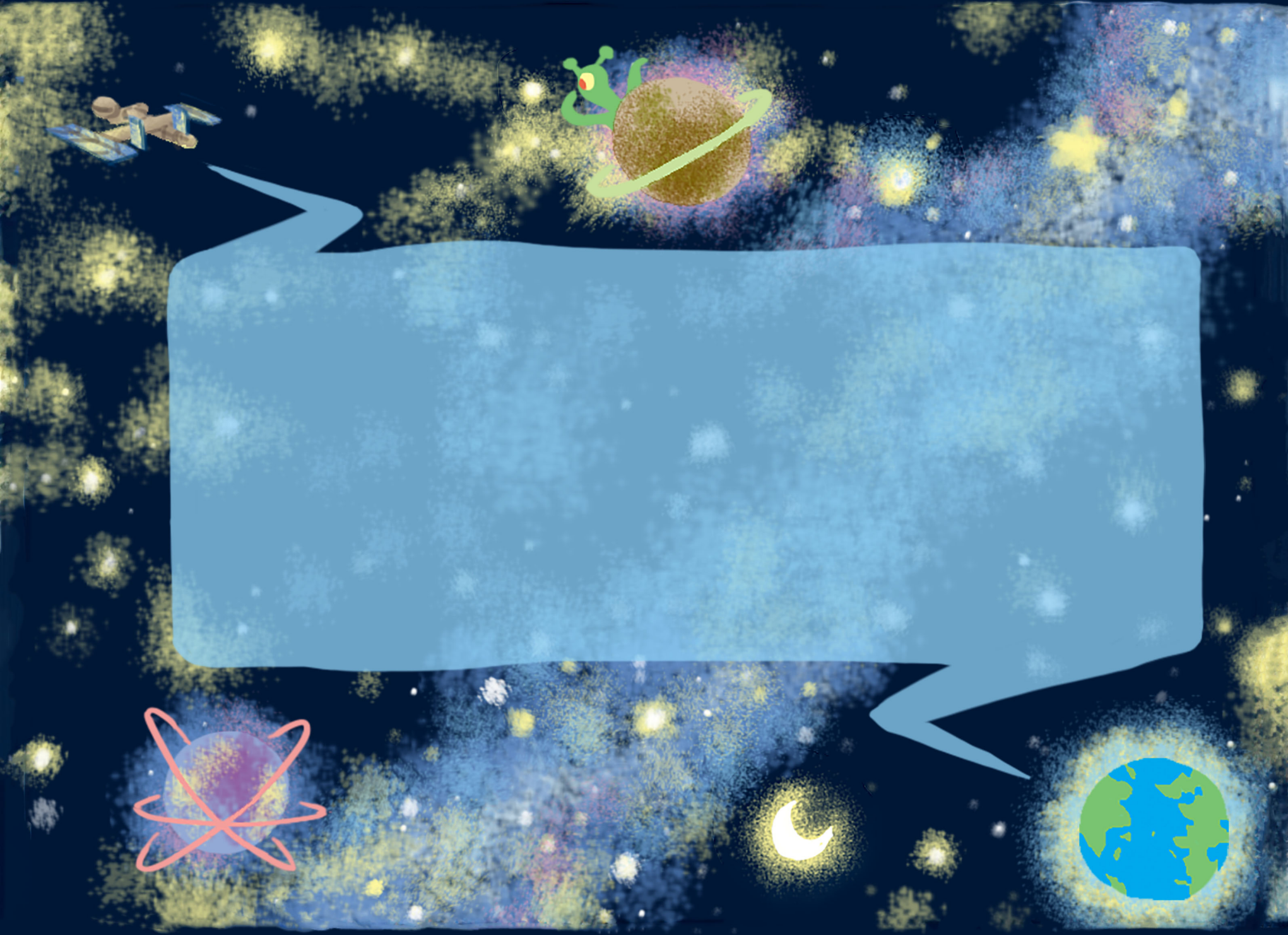


It turns out that when humans are on the space station, the microgravity causes blood to flow throughout the body more easily, so people's faces appear bigger.

慢

原







kakrowaSekan ray kawaS hayza' ka 'ima SaSo' ka pinaSowatoroe' ila!
ray SayboSi: o 'ae'hae' hahila: ila, 'oem'oemaeh mali' 'am manae' ka 'ima
SaSo' kakrowaSekan ray kawaS.



太空站接到新的指令了！再過七天，地球就會發射新的太空艙到太空站了。

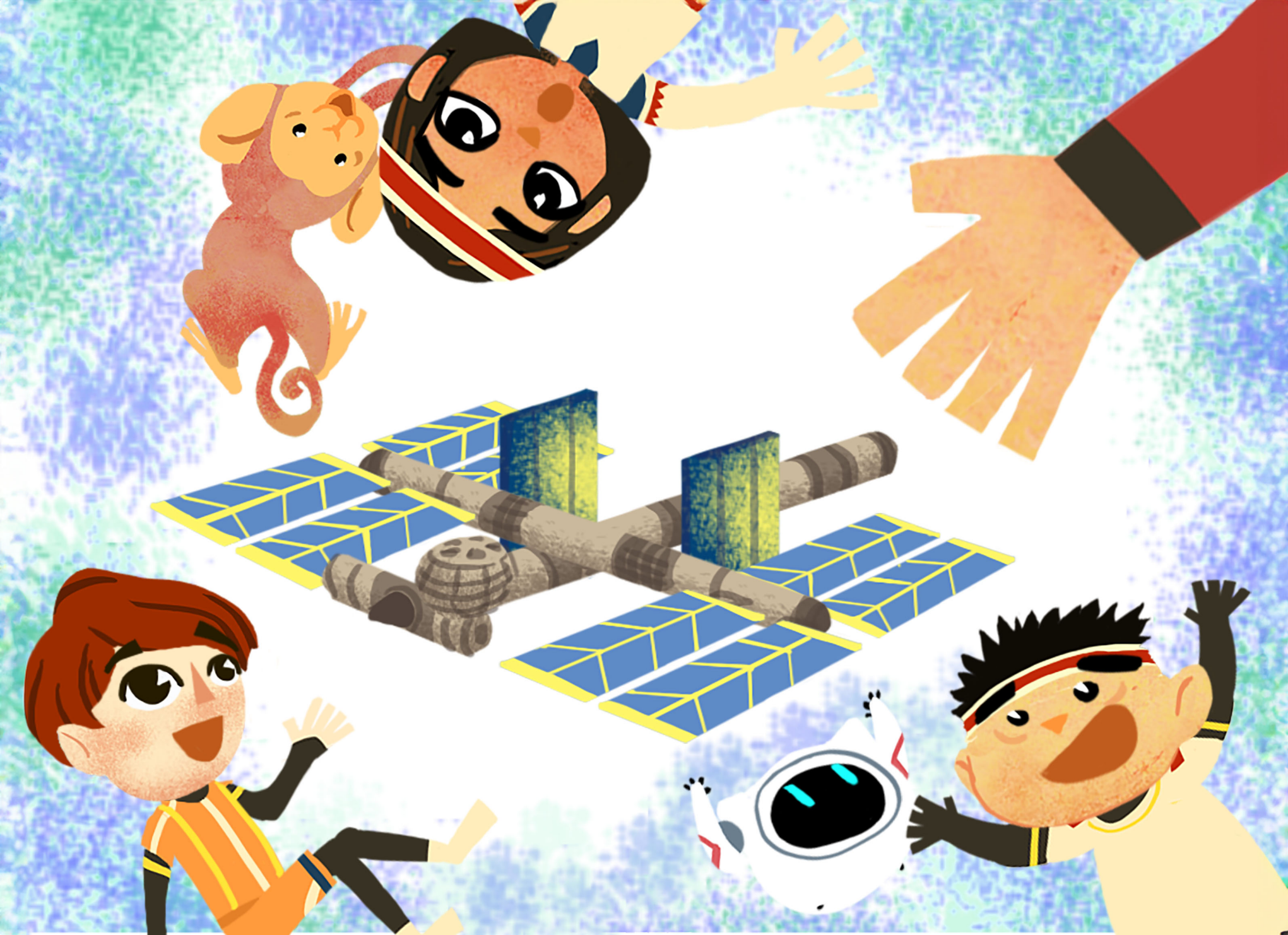


The space station has received a new command! In seven days, a new
space capsule will arrive at the space station after launching from earth.

慢

原







piya' Sa', So: 'am "sasbong ray kawaS" ila, 'ita' ma' paktatilhaehael saboeh!



比亞說，「太空會合」的時候，大家都要幫忙喔！

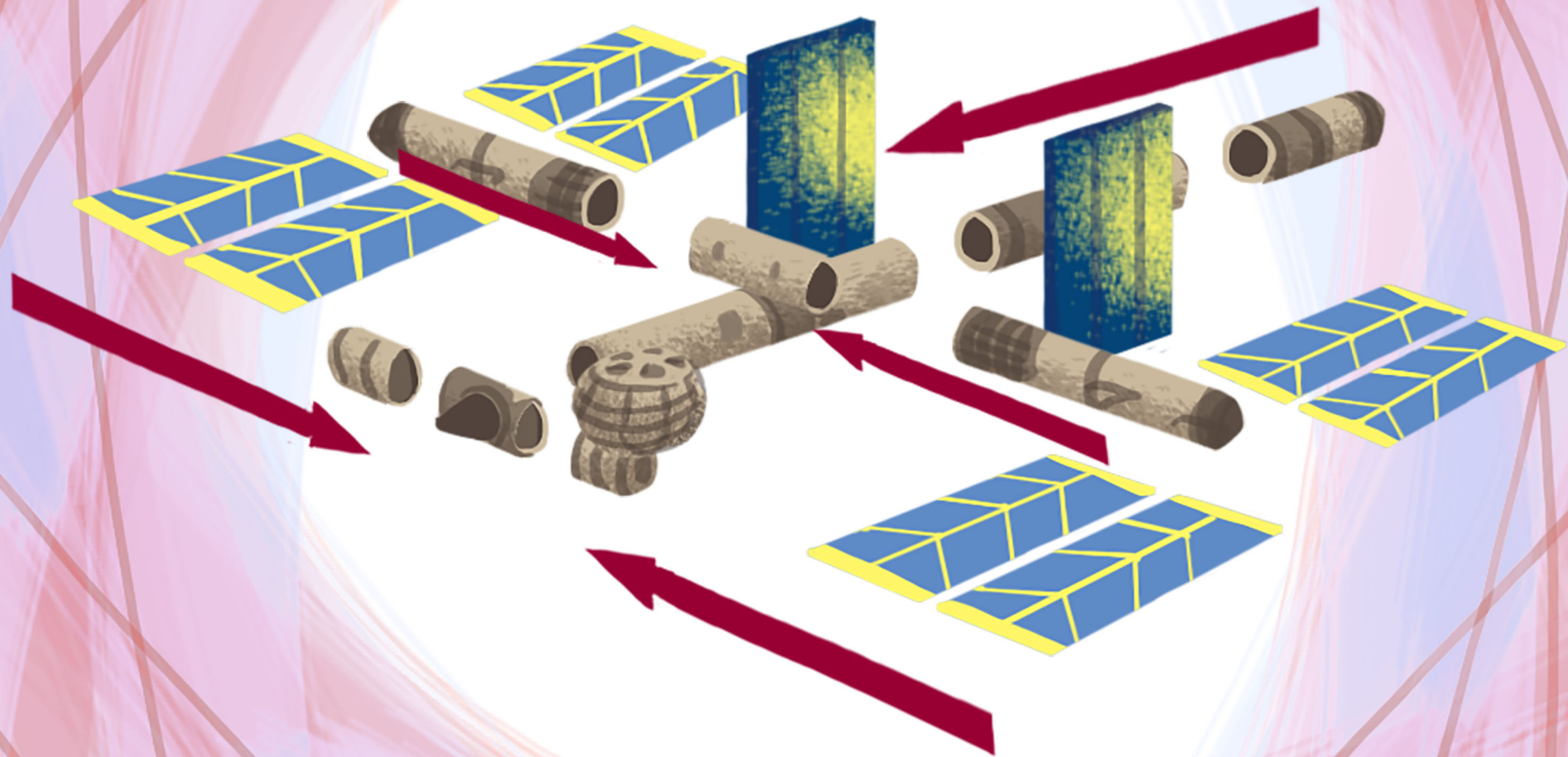


Biya says, everyone will need to help out with the "space rendezvous!"

慢

原







kakrowaSekan ray kawaS paSpaSo 'aehae' ma' pinaskayzaeh ray 'oemaeh,
Sipanae' ray kawaS 'isa:a' lotoron ila.



太空站的每一個部位都是在地球上分別建造好，發射到太空後才組合起來的。



Every section of the space station is individually constructed on earth and
then assembled after launching to the space station.







'inakhini'an nom paskayzaeh, hingha' ki ta'ο: Sinrahoe' nasiya "linotor ka palono'" pinaskayzaeh hingha' a tomal!

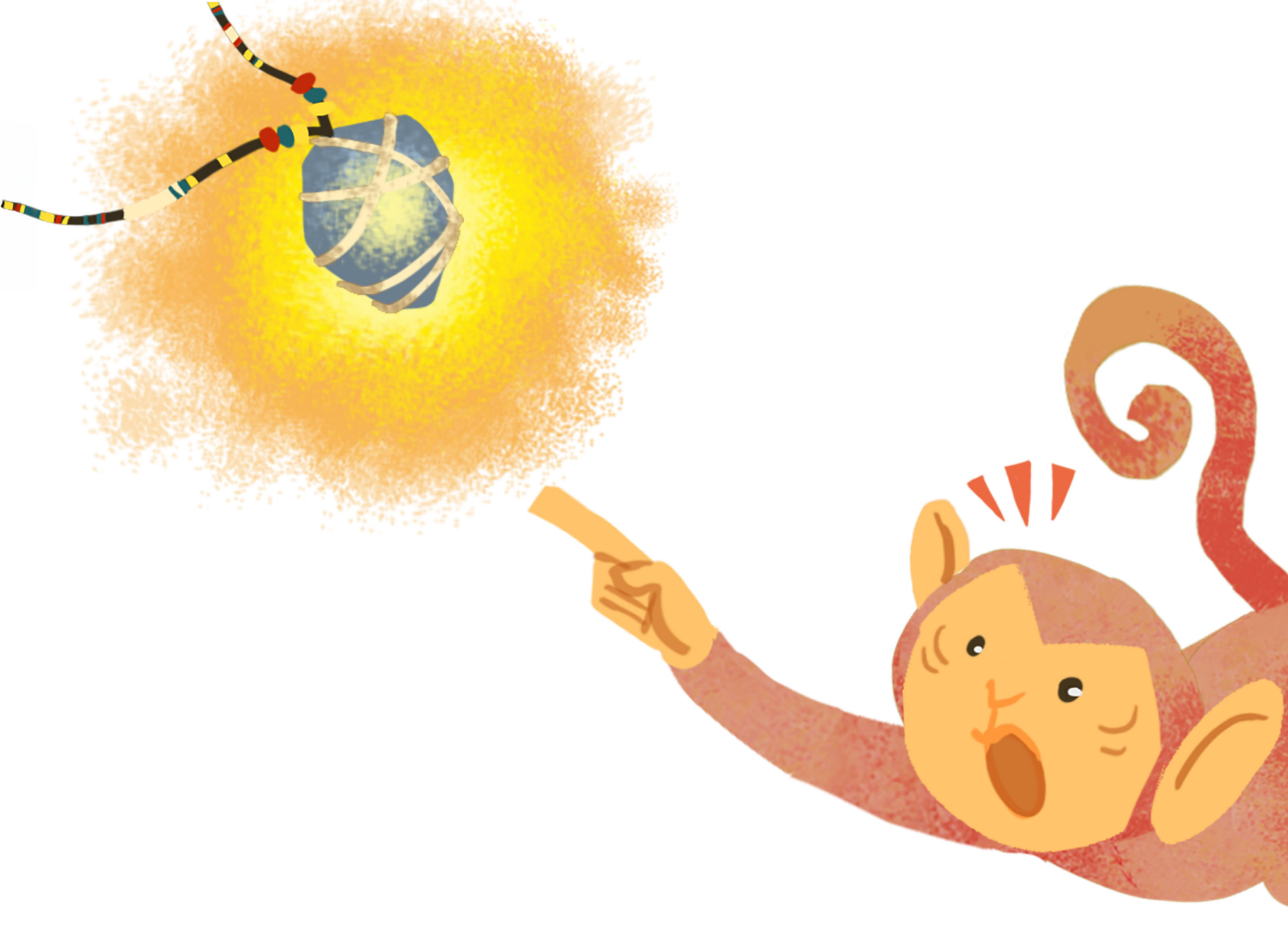


這種建造方法，剛好和達悟族「拼板舟」的作法一模一樣喔！



This method of construction is the same as the way Tao indigenous people build "tatala" boats!







bazae' ka hini 'ima maynonak 'am lomotor ka palono' tiwaS 'iyakina rima' komita'.



聽到這麼神奇的拼板舟，吉娃斯真的好想去看看。

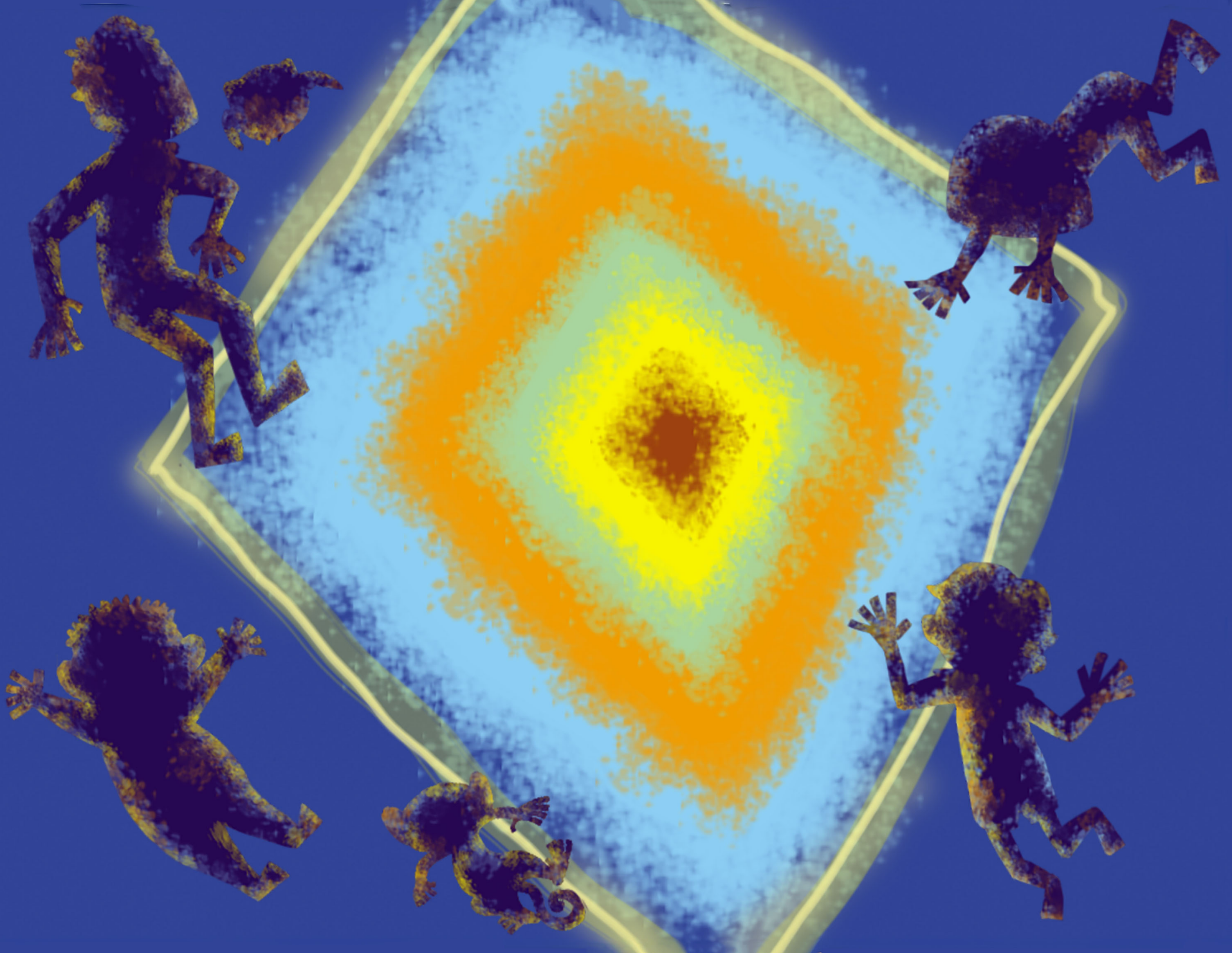


When she hears of these mysterious boats, Giwas wants to go see them for herself.

慢

原







kaSateran 'a'leb kas'oehaez ila!



傳送門出現了！



A portal appears!







kaSateran kabih 'am rayno'?



傳送門的另一邊是什麼地方呢？



What lies on the other side of the portal?







hini 'ibatas, Sayta'o: Sinrahoe' Sin SimaSangaren, mam paskayzaeh ka 'ima 'ol'olae'an ka linotor palono'.



這裡是 Ivatas, 達悟族的 si Masagaz 正在海邊建造小型拼板舟。

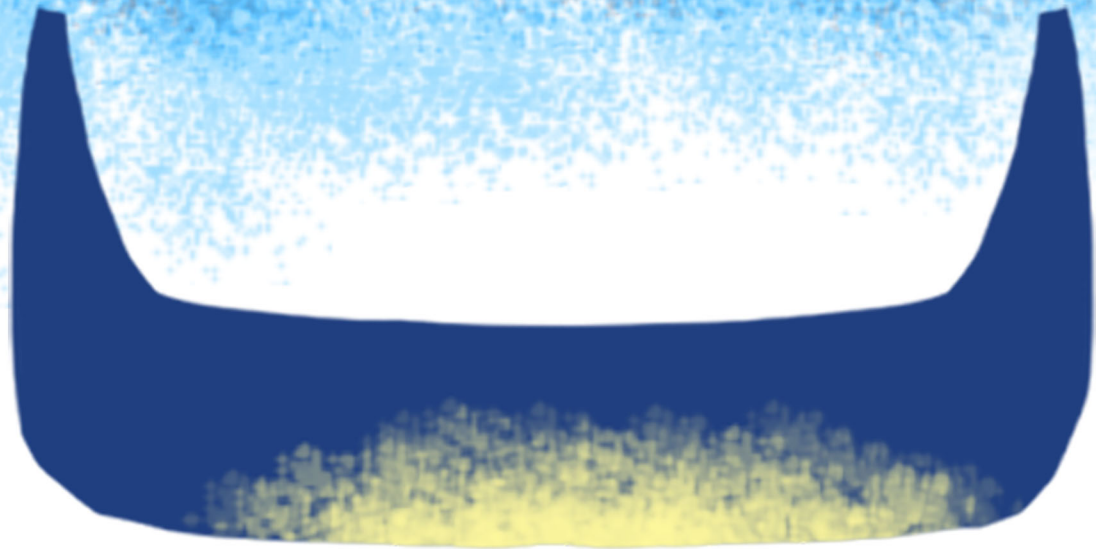


This is Ivatas. si Masagaz of the Tao people is building a small tatala boat on the beach.

慢

原







ni SimaSangar ka linotor palono' pawhi:il ka 'inokik hingha' kaehoy, palono' wahoer ka 'ima ma:is noka lingking kaehoy 'inay taytong.



si Masagaz 的拼板舟選用了很多種木材，船的底部龍骨用的是質地堅硬的台東龍眼樹。



si Masagaz selected wood from many different kinds of trees for his tatala. He uses the hard ciai aciai wood for the keel at the bottom of the boat.

慢

原







kabih o kabih ka ta'eloeh pawhi:il ka 'inokik ma:is kaehoy.



兩側的船艙龍骨選用密度較低的欖仁舅。

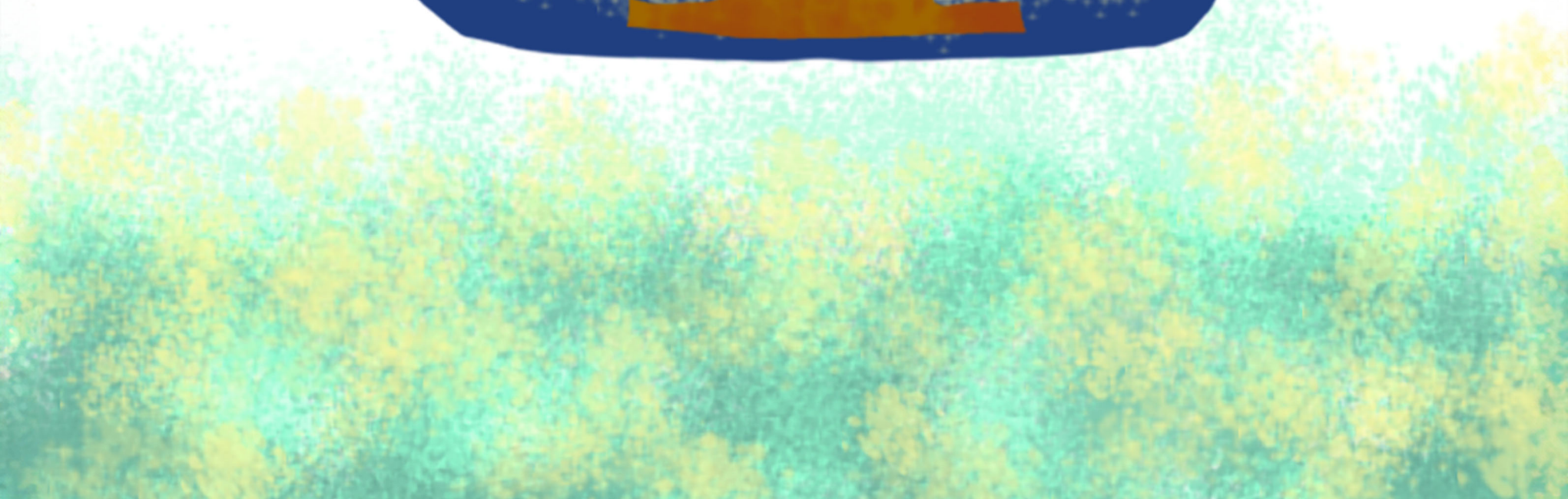


For the sterns on either side, he uses the less dense itap wood.

慢

原







ray langlangi: ma' pawhi:il ka 'ima hororay ka pang kaehoy, kayzaeh nom toliyab ray ralom manra:an.



船舷側板則是選用質地輕軟的麵包樹，利於拼板舟在水面上浮行。



For the sides of the boat, he chooses lighter breadfruit wood to help the boat float on the water.







SimaSangar 'aring lampez tinal'oemaeh paskayzaeh ka palono', 'isahini 'am sizaeh ila ka pinaskayzaeh.



si Masagaz 從十歲開始打造拼板舟，現在終於快做好了。



si Masagaz started building his tatala when he was ten years old. Now, he' s finally almost finished.







tiwaS ki li'ang kinSiyae' komoSa' 'am rima' ray wasal ila o!



吉娃斯和里昂高興地大喊要出海航行。



Giwas and Leon excitedly cry out, "Let' s go out to sea!"

慢

原







SimaSangar komita' kaheheban 'aewhay ka kinmae'iyaeahan.



si Masagaz 卻看著夕陽面有難色。



But, si Masagaz looks reluctant as he faces toward the sunset.

慢

原







'iwa' SimaSangar kam'ol'olae'an 'ina maShae:wan rima' ray wasal, noka 'ima 'aliman o 'iyasiwi' a tomal, tikot ila maShae:wan tomalam rima' ray wasal.



原來 si Masagaz 很小的時候曾經在晚上出海過，寂靜的黑暗讓他再也不敢在晚上出海。

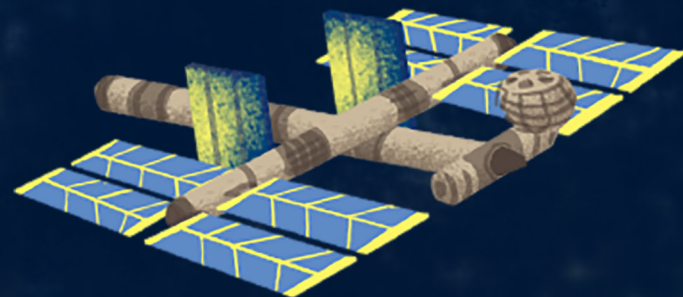


It turns out, when si Masagaz was little, he once went out to sea at night, but the quiet darkness scared him so much he didn' t dare go out to sea at night again.

慢

原







tiwaS manabih hi SimaSangar ray 'iyasiwi' ka pinanra:an.

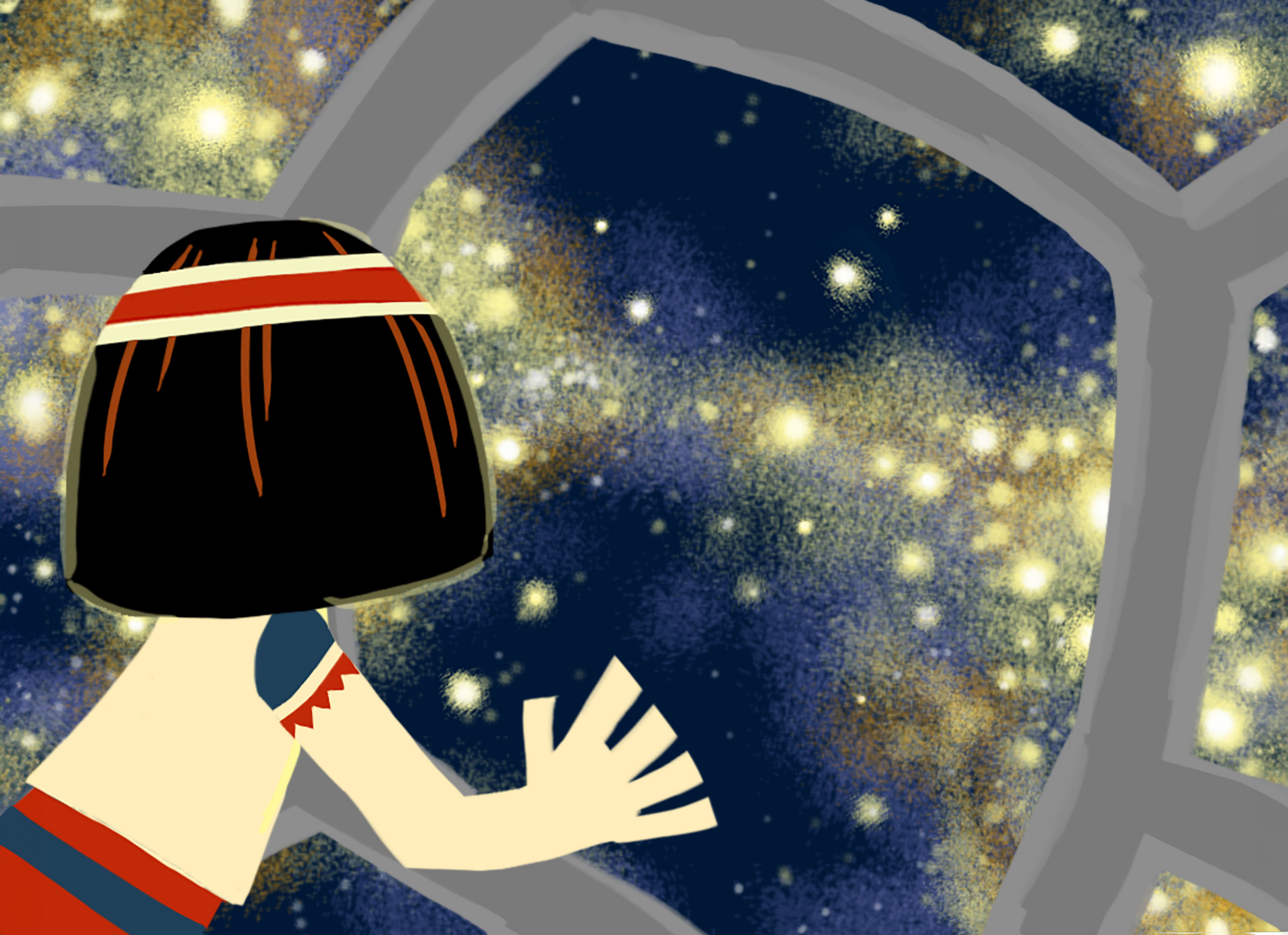


吉娃斯卻告訴 si Masagaz 關於黑暗的經歷。



Giwas tells si Masagaz her thoughts about darkness.







'ima kayzaeh ka howaw, nakhara kama ray kinsiwi'an 'isa:a' kayzaeh Sahoero:en.



最美麗的事物，往往都是在最黑暗的時候才會被看見。



The most beautiful things often can only be seen in the darkness.

慢

原







saboeh 'isa:a' lomotor ka basang no palono'.



大家開始把拼板舟的各個部位「會合」。



Everyone begins to assemble the different parts of the tatala boat.

慢

原







sa'sa'ih ka hahila: 'inay rohaenan tabin hae:awan.



每天從傍晚一直忙到晚上。



They work from evening to night every day

慢

原







Saehpi:ih pizpiza' ka hahila: ma' kayzaeh Si'oSa' ray wasal ila.



幾天後終於可以出海了。



and after a few days, they are finally ready to go out to sea.

慢

原







SimaSangar ma'az'azem 'aring kam'ol'olae'an ni yaba' kapanpanabih.

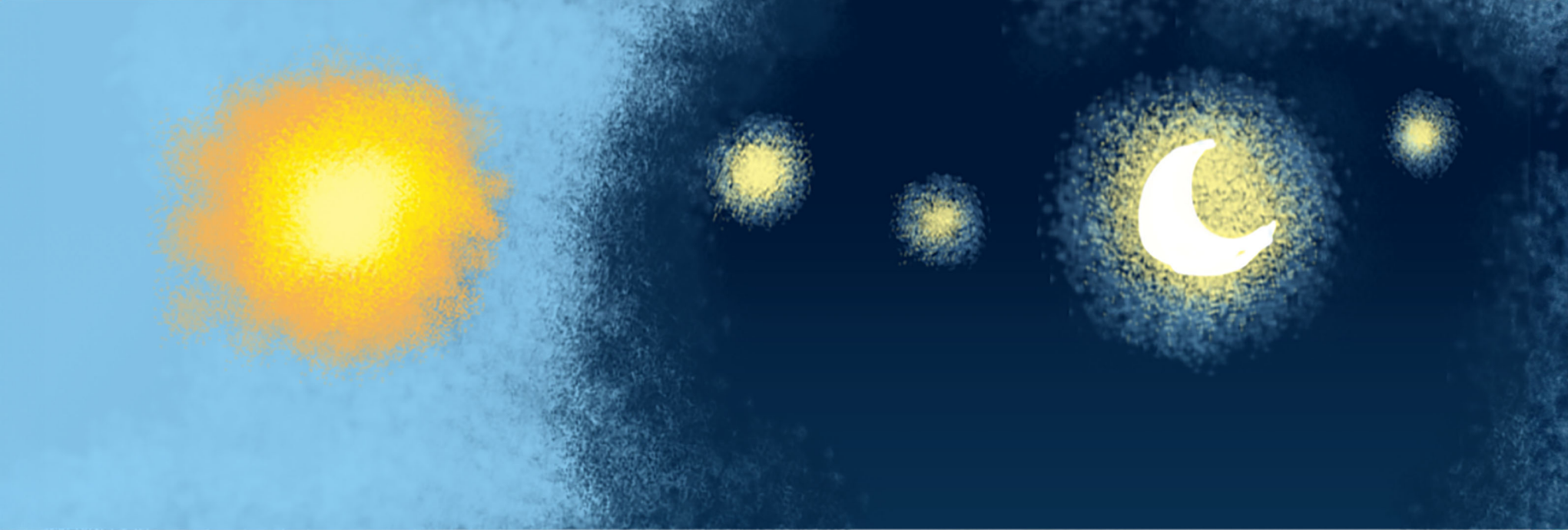


si Masagaz 想起小時候爸爸告訴他的故事。



si Masagaz remembers a story his father told him when he was little.







kakhayza'an kawaS 'ir'ira:i'an, 'ima haeba:an homoroko' saboeh 'am
'i'yaeh.



很久很久以前，天空好低好低，大家都彎著腰生活。



A long, long time ago, the sky was so low that everyone had to live bent
over at the waist.

慢

原







tabin 'ae'hae' hahila:, 'ima 'ibabaw ka mae'iyah Sin Sikaleteren tomil'itol ka kawaS, 'isa:a' kayzah 'okay horoko' 'am 'i'iyah ila.



直到有一天，巨人 si Kaleted 把天空高高舉起，從此大家再也不用彎著腰生活了。



Until, one day the giant si Kaleted lifted the sky high up in the air so that no one had to live bent over again.

慢

原







'ana ray hae:wan 'ima 'iyasiwi' hi Sikaleter ma' ray kawaS komalahang
hi lasaboeh.



即使是在最黑最黑的夜裡，si Kaleted 也會在天空上守護著大家。



Even on the darkest nights, si Kaleted is in the sky watching over everyone.

慢

原







SimaSangar 'isa:a' 'okay tikot ka hae:wan 'iniyasiwi' ila.



si Masagaz 再也不怕黑夜了。



si Masagaz isn' t afraid of the dark night anymore.



一般單詞

中文	詞性	族語
血液	名詞	ramo'
指令	名詞	pinaSowtoroe'
拼板舟	名詞	linotor ka palono'
堅硬的	形容詞	'ima ma:is
龍眼樹	名詞	lingking kaehoy
輕軟的	形容詞	'ima hororay
浮行	動詞	toliyab
航行	動詞	rima' ray wasal
夕陽	名詞	kaheheban
寂靜的	形容詞	'aliman
黑暗	名詞	'iyasiwi'
出海	動詞	Si'oSa' ray wasal
彎著(腰)	動詞	homoroko'
舉起	動詞	tomil'itol
守護	動詞	komalahang

中文	詞性	族語
機器人	名詞	kikay mae'mae'iyah
太空站	名詞	kakrowaSekan ray kawaS
太空人	名詞	kaSraykawaS mae'iyah
微重力	名詞	kakSil'i:an
太空	名詞	kawaS
發射	動詞	manae'
太空艙	名詞	kakrowaSekan
太空會合	名詞	sasbong ray kawaS
密度	名詞	ma:is



科學單詞

吉娃斯愛科學 賽夏族語

第01集 大船落成時

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）
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

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