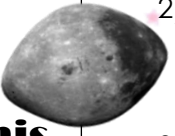
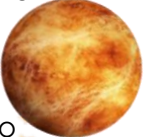






The Amazing Cosmos

The **universe** we live in is very **vast** and **enormous**, and although there is a lot we still do not know, we have been able to find out quite a lot about space! There are many **astronomers**, **astrophysicists** and **engineers** who are working together to discover more and talk about their **findings** to the world. I have always been interested in **space** because there is so much out there. Even though it is a bit scary how big the universe really is, it is also **comforting** to know that all our problems might not be as serious as we thought when we look up at the night sky. Here are a few fun facts that I wanted to share with you all!

Seven Fun Facts About Space

- 1) Did you know? **Our galaxy, the Milky Way, actually tastes like raspberries!** This is because large amounts of a gas called **ethyl formate** is in the middle of a large cloud of gas and dust called Sagittarius B2. It smells like rum and creates the flavor of raspberries. 
- 2) **The moon is shaped like a lemon!** Even though we see it in the night sky usually as a **crescent** or getting rounder and rounder until it becomes a full moon, it does not look like that in space. 
- 3) **A year on Venus is shorter than a day on Venus!** It takes 243 Earth days for Venus to spin around completely once, which is how we measure a day. But Venus can spin around the Sun (how we measure one year) in 225 Earth days, so it takes less time! 
- 4) **There is no air in space, so there is no sound. Soundwaves** travel through air, so without air, you cannot hear any noise. If you were to go to space, you would have to communicate by using gestures. 
- 5) **The color of shooting stars (流れ星) changes depending on composition.** The different **chemical** elements that make up the rock or ice of the shooting star can make it look different. For example, **nitrogen** and **oxygen** look red, **calcium** will make it look purple, and **magnesium** causes it to be blue-white/cyan. 
- 6) **Venus is called Earth's 'evil twin'.** This is because they are similar in size and made up of similar things, but Venus has a very different **climate**. It is much hotter (reaching temperatures of 462°C), and has an **atmosphere** 100 times thicker than Earth, filled with CO₂. 
- 7) **TOI 1338 b is a recently discovered planet that is pink!** Found by a 17-year-old NASA intern in 2019, it is the first planet that **orbits** around two stars. Because it is similar in color to the BTS album cover "BTS World", it has **unofficially** been called the BTS planet. 

BTS WORLD

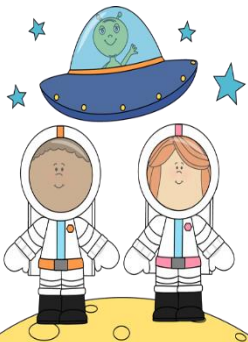
The
February
2025
Issue

What is in
this issue:

Out of this
World:

Outer
Space

Keika
Chronicle
Challenge
All-Stars

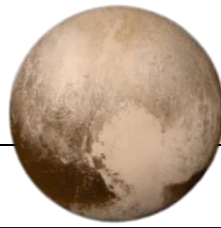


ATTENTION: A rare special event called a **planetary parade** is happening from January 21 until the end of February! The planets will be lining up in the sky, but sadly only five can be seen without special **equipment**. Six of the planets will be in **alignment** until February 28, when Mercury joins. The best time to see them will be after sunset, when it is dark. Make sure to take a look at the sky before March! I recommend looking the first two weeks of February when it is the most clear.

The Keika Chronicle



134340- BTS



그럴 수만 있다면 물어보고 싶었어
 If only I could, I wanted to ask you
 그때 왜 그랬는지 왜 날 내쫓았는지
 Why did you do that back then? Why did you kick me out?
 어떤 이름도 없이 여전히 널 맴도네
 Without a name to myself, I still revolve around you
 작별이 무색해 그 변함없는 색채
 Our goodbye is meaningless, that unchanging color

나에겐 이름이 없구나
 There's no name allowed for me
 나도 너의 별이었는데
 I, too, used to be your star
 널 빛이어서 좋겠다
 You must feel nice to be the light
 난 그런 널 받을 뿐인데
 All I did was to receive you

무너진 왕성에 남은 명이 된 의미가 있어
 What meaning is left of the fallen planet's remaining life
 죽을 때까지 받겠지 니 무더운 시선
 I'll receive it til I die, your stifling stare
 아직 난 널 돌고 변한 건 없지만
 I still orbit you, and nothing's changed, but
 사랑에 이름이 없다면 모든 게 변한 거야
 If love has no name, everything has changed

넌 정말로 Eris 를 찾아낸 걸까
 Could it be really that you've found Eris
 말해 내가 저 달보다 못한 게 뭐야
 Tell me, how am I not as good as that moon
 us 는 u 의 복수형일 뿐
 Us is the plural form of U
 어쩌면 거기 처음부터 난 없었던 거야
 Maybe I wasn't there from the start

언젠가 너도 이 말을 이해하겠지
 Someday, you'll also understand my words
 나의 계절은 언제나 너였어
 My seasons were always you
 내 차가운 심장은 영하 248 도
 My cold heart is 248 degrees below zero
 니가 날 지운 그 날 멈췄어
 It stopped the day you erased me
 Damn 난 맴돌고만 있어
 I'm just orbiting you
 (난 널 놓쳤어 난 널 잃었어)
 (I missed you, I lost you)
 난 헛돌고만 있어
 I'm just going in circles
 (넌 날 지웠어 넌 날 잊었어)
 (You erased me, you forgot me)
 한때는 태양의 세계에 속했던
 I once belonged in a world under the sun
 (노랜 멈췄어 노랜 멎었어)
 (The song paused, the song stopped)



별의 심장엔 텅텅한 안개층뿐
 A smoky layer of mist in the heart of the stars
 (넌 날 지웠어 넌 날 잊었어)
 (You erased me, you forgot me)

어제와는 그리 다를 건 없네 ay
 It's not much different from yesterday ay
 똑같은 일상 속에 딱 너만 없네 ay
 Same old days, except you're not here
 분명 어제까지는 함께였는데 ay
 We were together just up until yesterday ay
 무서울 정도로 똑같은 하루 속엔 딱 너만 없네
 But it's to the point where it's scary, same days but no you
 솔직히 말해 니가 없던 일년쯤
 I'll be honest, even up until one year without you
 덤덤했지 흔히 말하는 미련도 없던
 I was fine, I didn't have any feelings left
 지난 날 이젠 깜빡
 The past day I had forgotten
 니 향기 따윈 기억도 안나
 I don't even remember your scent



잠깐 근데 어디선가 맡아봤던 향순데 ay
 But wait, I've smelled this perfume somewhere, ay
 기억이 어렴풋이 피어날 즈음에 ay
 Just when my memory was about to come back
 저기 저기 고개를 돌려보니
 I turned my head around and saw you
 환하게 웃으며 다가오는 니 옆엔 그...
 You're smiling brightly, but beside you there's
 (안녕?) 안녕
 Ah (Hello?) Hello
 어떻게 지내? 나는 뭐 잘 지내
 How are you? I'm doing okay
 웬지 터질듯한 내 심장과는 달리
 Unlike my heart, that feels like it'll explode
 이 순간 온도는 영하 248
 The temperature right now is -248 degrees

난 맴돌고만 있어
 I'm just orbiting you
 (안개 너머의 여전히 미소 띤 널 지켜보지
 (Beyond the fog, I watch you as you continue to smile
 의미도, 너도, 다 없는 불규칙 내 궤도의 현실)
 Without you or anything
 There's no meaning to my irregular orbit)
 난 헛돌고만 있어
 I'm just going in circles
 (나에겐 기억하기 힘든 숫자와 어둠의 pluto
 (I'm just a hard number to remember
 And the Pluto of darkness
 그래도 계속 난 너의 주위를 맴돌겠지 damn)
 But I'll continue to orbit around you forever, damn)



出来ることならばあなたに聞きたかった
あの時なぜそうしたのかなぜ私を追い出したのか
名前もなくただ何時ものように君の周りを回転し続ける
別れは無意味、あの変わらない色

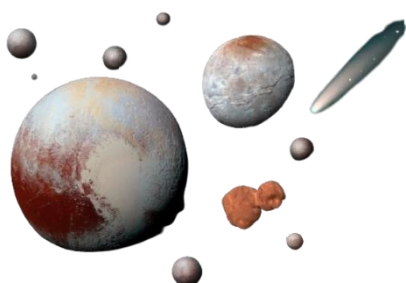
私に名前はないよね
私も君の星だったけどね
君は光だからいいね
私はそんな君を受け取っただけ

壊崩された「王星」に残る「冥」に何のいみがあるの
*NOTE: This line is wordplay in Korean! The fallen planet, Pluto, lost its name, so it became just a star.
死ぬまで君の熱い視線を受け止める
未だに私は君を回続ける、なんも変わっていないけど
愛に名前がなければ何もかも変わったんだ

君本当にエリスを見つけたのか
教えろよ私はあの月より出来ないこと何なのか
us は u の複数形だけ
多分最初からあそこに私がいなかったかも

いつか君もこの言葉を理解するのさ
私の季節は必ず君だった
私の冷たい心臓は氷点下 248 度
君が私を消したあの日に止まった
Damn

私はただ周回している
私は君を手放した君失った)
私ただ回っている
君は私を消した君は私を忘れた
一時は太陽の世界に属していて
歌は止まった歌は静まった
星の心臓には煙たい霧の層だけ
君は私を消した君は私を
昨日より余り変わったことないだね ay
同じ日常の中には君だけがない



間違いなく昨日までは一緒にいたのに
恐ろしいほどかわらない日常の中には君だけがない
正直に言うと君がいなかった一年ぐらい
悠々と俗にいう未練もなかった
過ぎし日もう忘れた
君の香りさえ思い出せない

でもちょっと待って、どっかで嗅いだ香りなんだけど
記憶が薄ら咲き始める時 ay
あっちあっち頭を向いてみると
明るく笑って近づく君の側には…
ああ (ハロー?) ハロー
元気だったの? 私はまあ元気だよ
何だか爆発しそうな私の心臓とは違って
この瞬間の温度は零下 2 4 8

私はただ周回している
(霧の向こうの相変わらず微笑んだ君を見守るよ
意味も、君も、全部無く私の不規則の軌道な現実)
私はただグルグル回っている
(君にはただの覚え辛い数字と闇のプルート
それでも私は永遠に君を周回しするだろう)

These are the lyrics from 134340(the scientific name for Pluto!), a **tribute** to Pluto by BTS. Pluto used to be one of the nine planets of our **planetary system**, but after the **discovery** of Eris in 2005, astronomers asked if Pluto should still be a part of it. This was because Eris was the same size as Pluto, and also had a moon.

In 2006, The International Astronomical Union(IAU) changed the **definition** for a planet to include more things that Pluto did not do. One of these **conditions** was that a planet must have no other objects near its **gravitational field**, unless it was in **orbit** around it, like a moon. Because Pluto had too many loose objects around it, it was now a dwarf planet just like Eris.

It is a little sad for Pluto, who was part of the planets family for so long, to be thrown out over a new **standard** of what a planet is. This song is meant to be from the point of view of Pluto, **lamenting** his fall from grace.

The original song in Korean and the official English translation by Genius are on page 2. Because the lyrics are difficult, I have done my best to translate it into Japanese for you! ♡

Keika Chronicle Challenge ALL - STARS 2024

We slowly started the Keika Chronicle Challenge in April 2021. Now in February 2025, we have the whole school reading the newspaper every month then answering a question worksheet. It is a wonderful way to learn new **vocabulary**, test reading **comprehension**, see other cultures, and share your own **opinions**. We love to hear what you girls think! Hopefully, it will prepare you for the difficult essays on **university entrance exams**. ;)



Here is a list of girls who completed every Keika Chronicle Challenge worksheet AND did their very best each time. We could see that they were interested in the topics and worked hard to understand English. Thank you all for your hard work this school year! お疲れ様でした!

Junior High School English Conversation Classes:

Special 中1 Challenge




1-1

#13 KARASAWA Ran
 #17 SAITO Yuna
 #18 SAITO Wakana
 #19 SAKAMAKI Anri
 #33 MOTOKI Rei



1-2

#13 KAITSUKA Moco
 #15 KAMURO Saki
 #24 SHIKUYA Himari
 #31 HIRAI Riona
 #34 MATSUMOTO Rin

2-1

#7 KATAGIRI Yura
 #15 TANAKA Riko 
 #16 TAHARA Mai
 #22 FUJIMORI Mai 
 #27 YAGIHASHI Yuina 
 #29 YAMAZAKI Yurika

2-2

#2 ISHII Ayana
 #9 KATAGIRI Sara 
 #12 KUMAGAI Moka 
 #26 FUKUDA Yuzuki

3-1

#1 AZUMA Yui 
 #6 SUZUKI Aoi 
 #7 SEJIMO Amane 
 #9 CHIN Nasea
 #15 HORI Mio

3-2

#2 IMAO Lian 
 #6 OTAKE Mirai 
 #11 NAKAMURA Momoka 
 #12 NAMIKI Lynn 
 #14 FUKUSHIMA Tamaki 
 #15 HOSHINO Jun 
 #19 YAMAGISHI Kokoro





Senior High School English Classes:

1A

#1 AOYAGI Momone
#15 KOBAYASHI Akie
#17 SUGINO Kaho
#20 SONODA Juna
#27 HITOMI Shu

1B

#3 UEDA Sakura ★
#10 KOBAYASHI Hiyori
#15 TAKITA Nao
#18 TADOKORO Meiko
#25 NAKAYAMA Rin

1C

#1 AOKI Minako
#2 AOYAGI Saki
#15 SAITO Ako ★
#19 SEKIMOTO Rija ★★
#27 (name redacted) ★★

1D

#6 OHNO Yuzuki
#22 TABEL Ruka
#23 TAMURA Ayano
#24 NISHIYAMA Mika ★★
#30 YAMAZAKI Neiro ★★

1E

#5 INUKAI Nono ★★
#18 KUMAGAI Miku ★★
#22 SUGAWARA Yuina ★★
#26 NAGAI Anna ★★
#31 MIYAO Kaho ★★

2A

#1 AOKI Moe
#17 TAKIMOTO Yuka
#22 FUJINAGA Kotone
#24 MARUYAMA Aoi ★
#26 MIYAKI Hana

2B

#11 (name redacted)
#12 SUGAWA Minami
#15 TAKANO Kurumi
#24 FUJISAWA Ririko
#26 MATSUZAWA Misaki

2C

#9 SHIMIZU Funa
#10 SHIMIZU Minami
#13 SUZUKI Kotoha
#19 HATAKEYAMA Rino

2D

#1 ARAI Miki
#4 INOUE Misaki
#16 SATO Mizuka ★
#30 MATSUMOTO Mona
#31 YAMAHATA Yuika

2E

#10 KAWAHARA Rina ★★
#16 TAKAGI Miiko ★★
#18 TAKADA Karin ★★
#20 (name redacted) ★★
#37 YOSHIDA Sho

Special Elective English Conversation Class

3A

#4 ISHINO Yuko

3B

#35 MURATA Moana

ありがとうございました。来年度もよろしく願いいたします！