A Day and a Year

5A U4 Lesson1

By Huan Huang

仅供学习交流 FLTRP

00

Universe Project

What do you know about the Universe?

仅供学习交流 FLTRP

Content

01 Explore 1 What causes days and nights?

02 Explore 2 What causes four seasons?

03 Make a Travel Plan

仅供学习交流 FLTRP

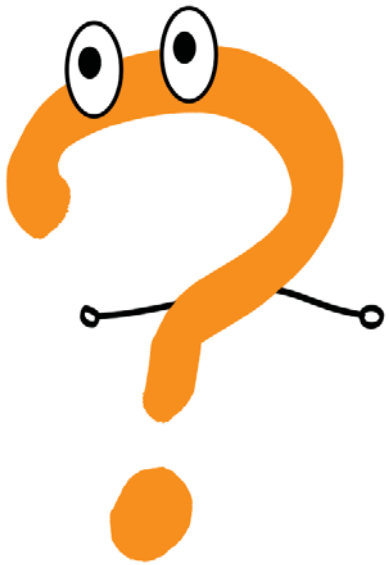
01

Explore 1

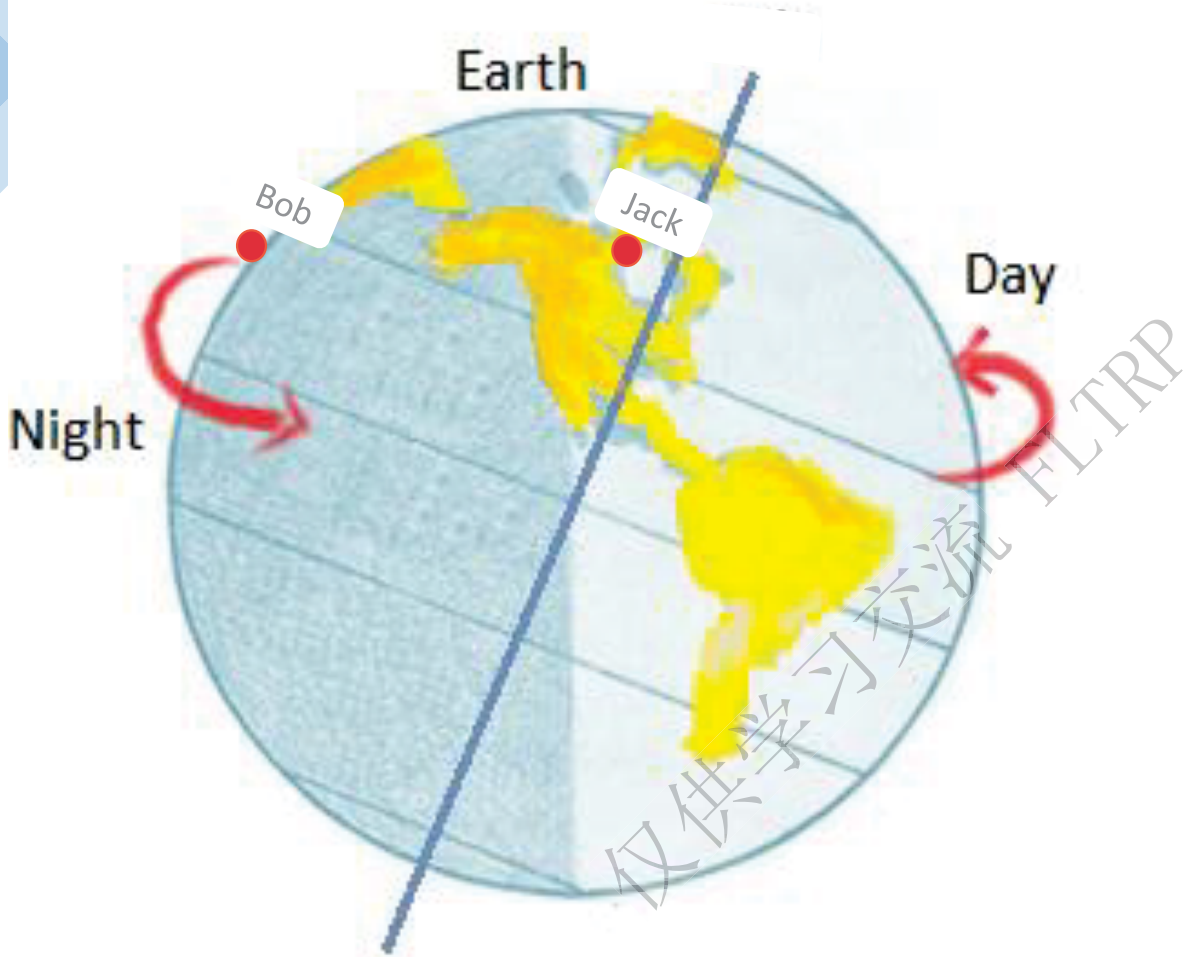
仅供学习交流 FLTRP

Bob lives in China. His friend Jack lives in Canada (加拿大). Why do they see different things?

仅供学习交流 FLTRP



Who…?
Where…?
What…?
What time…?
Why…?



仅供学习交流 FLTRP

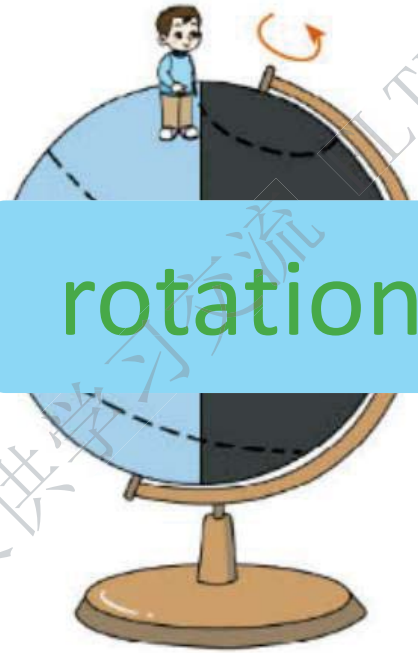
- The sunlight is on the right so it is the day
- The shadow is on the left so it is the night

仅供学习交流 FLTRP

- The Earth turns around, and days and nights change.

What causes days and nights?

When the earth turns, what happens to Tom? How does day change to night?

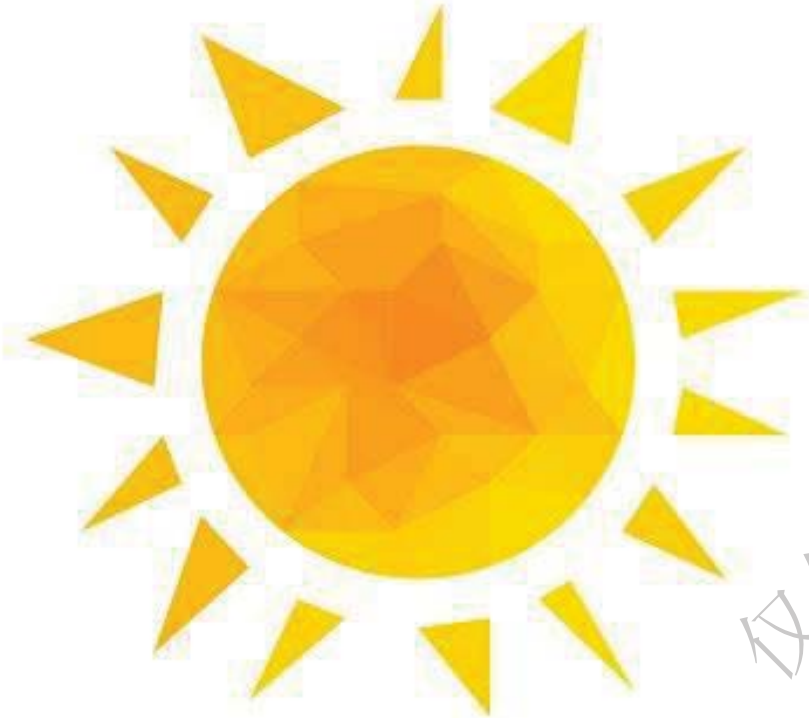


rotation

仅供学习交流 ELTRP

The earth turns round once (一次) in 24 hours (小时). This is called “one rotation”.

Task 1



仅供学习交流 FLTRP

What to bring?

How’s the weather?

What season is it?

Bob invited Jack to come visit China!

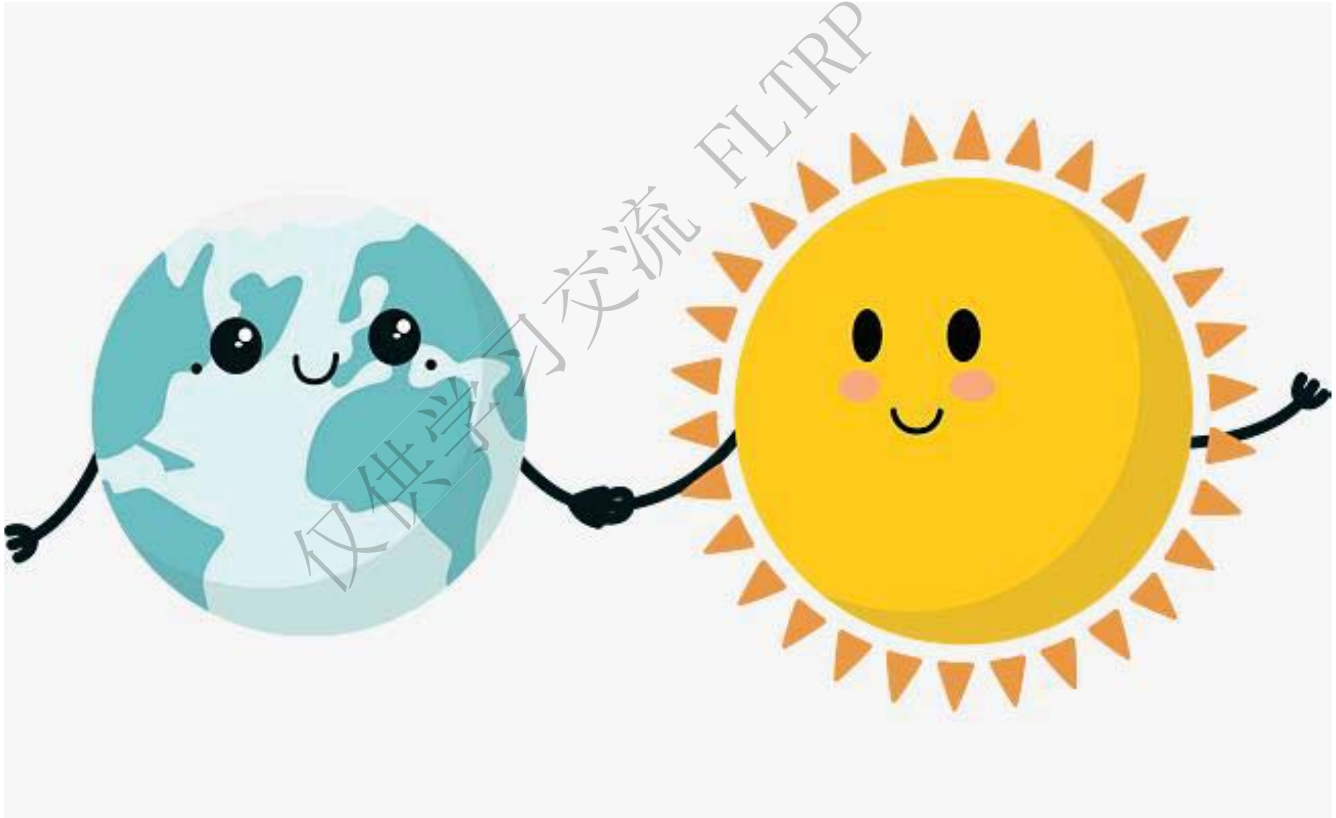
仅供学习交流，严禁

02

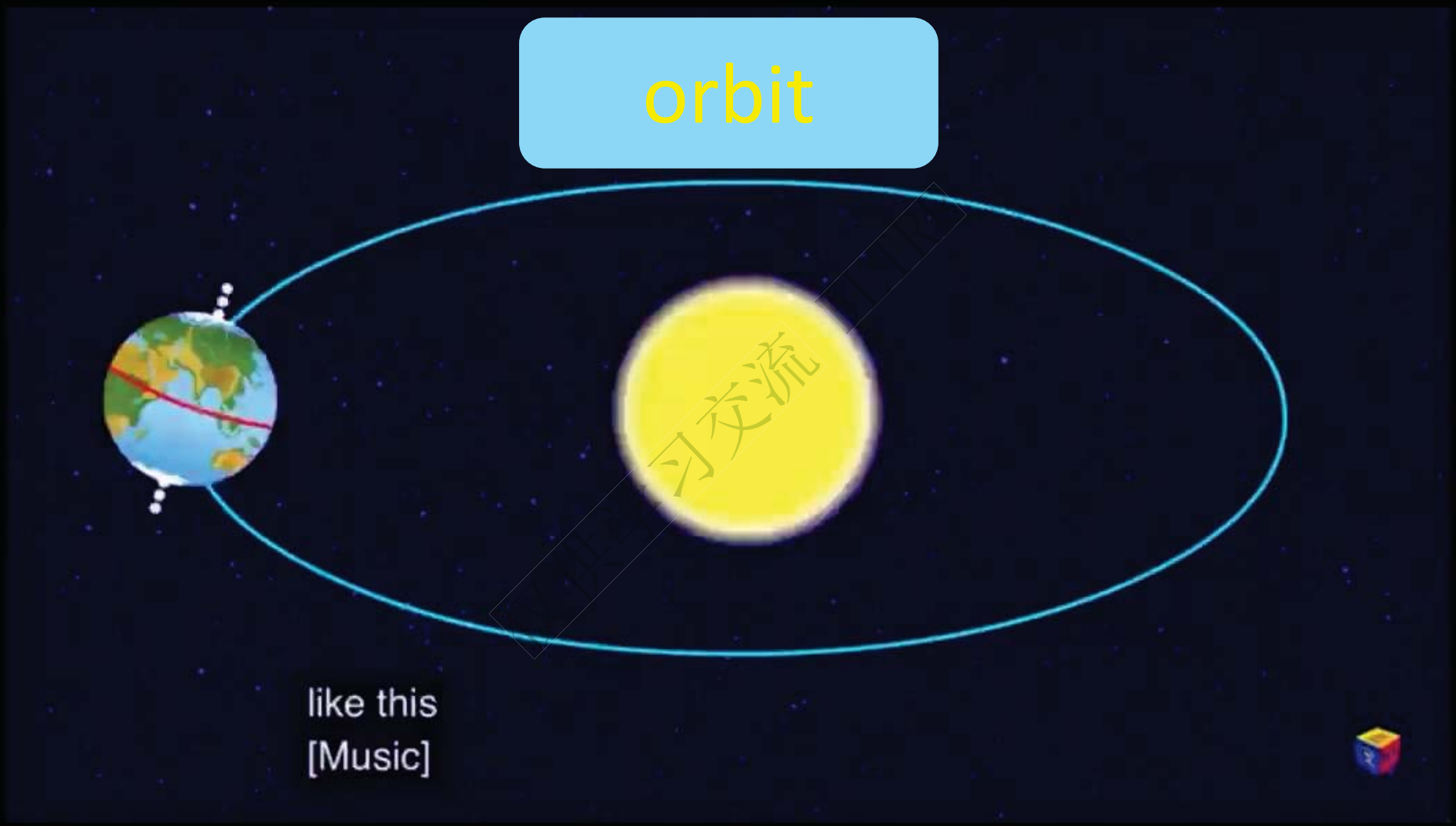
Explore 2

仅供学习交流 FLTRP

How does the Earth move round the Sun?

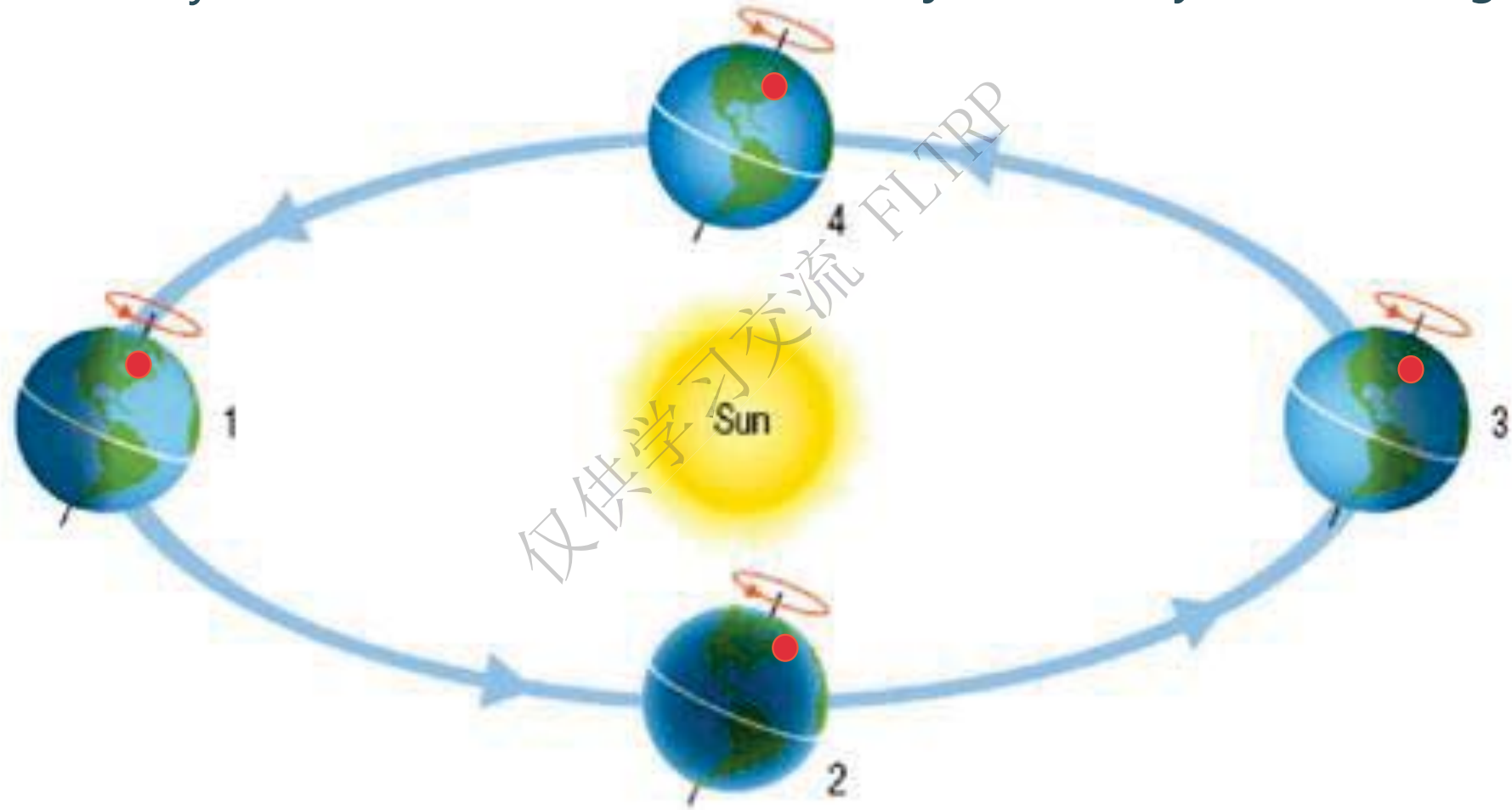


仅供学习交流 FLTRP


orbit
like this
[Music]

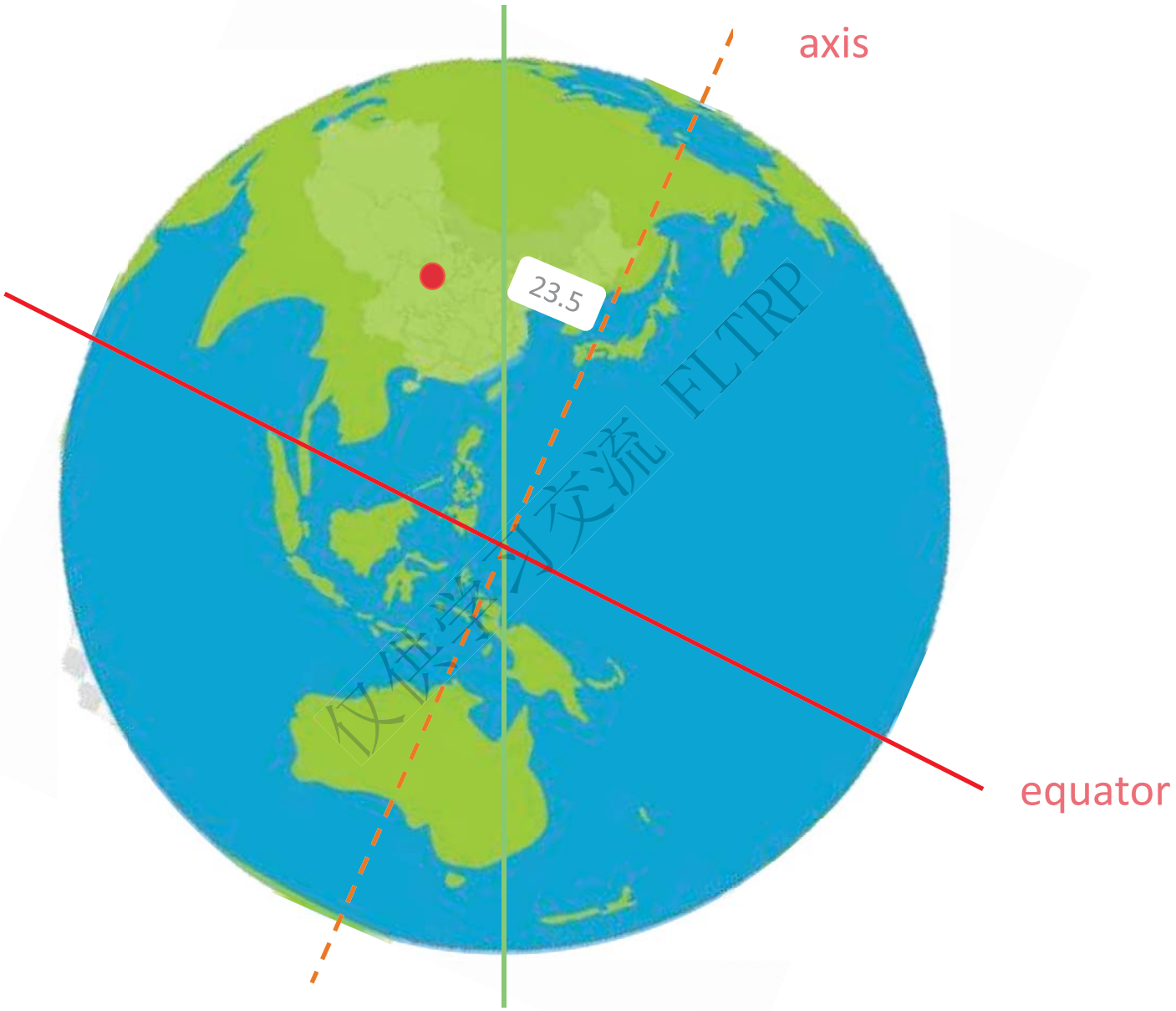
Which is summer?

Give your reasons. Shout ‘objection’ if you don’t agree.



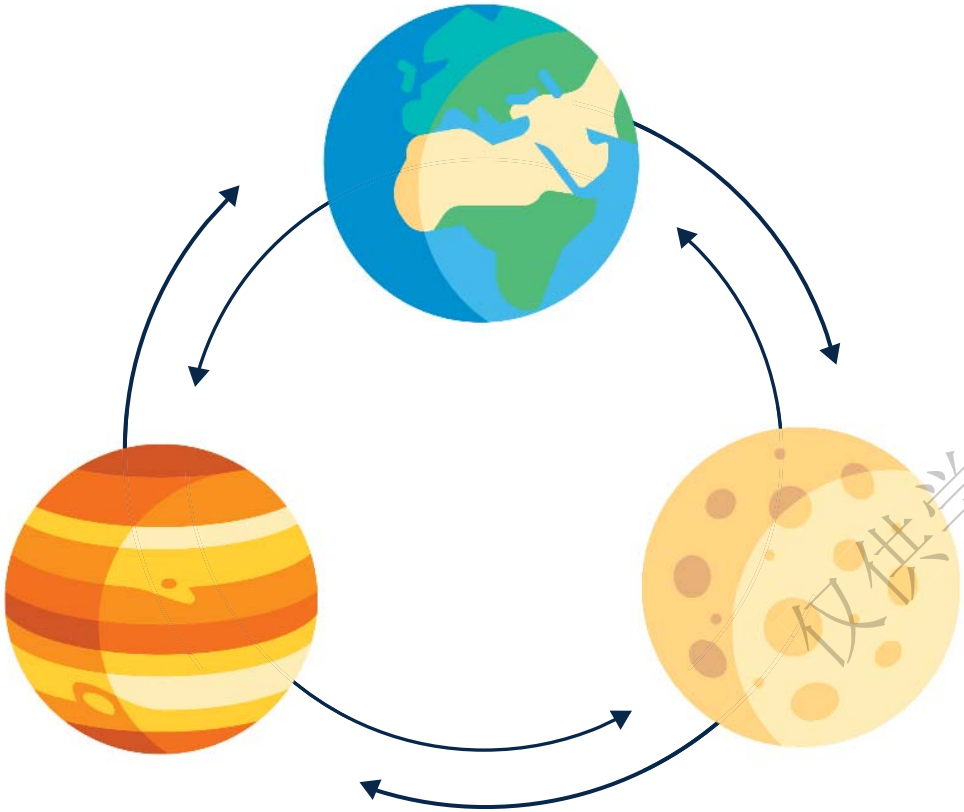
仅供学习交流 FLTRP

2:55
WISTIA



仅供学习交流 FLTRP

What causes 4 seasons?

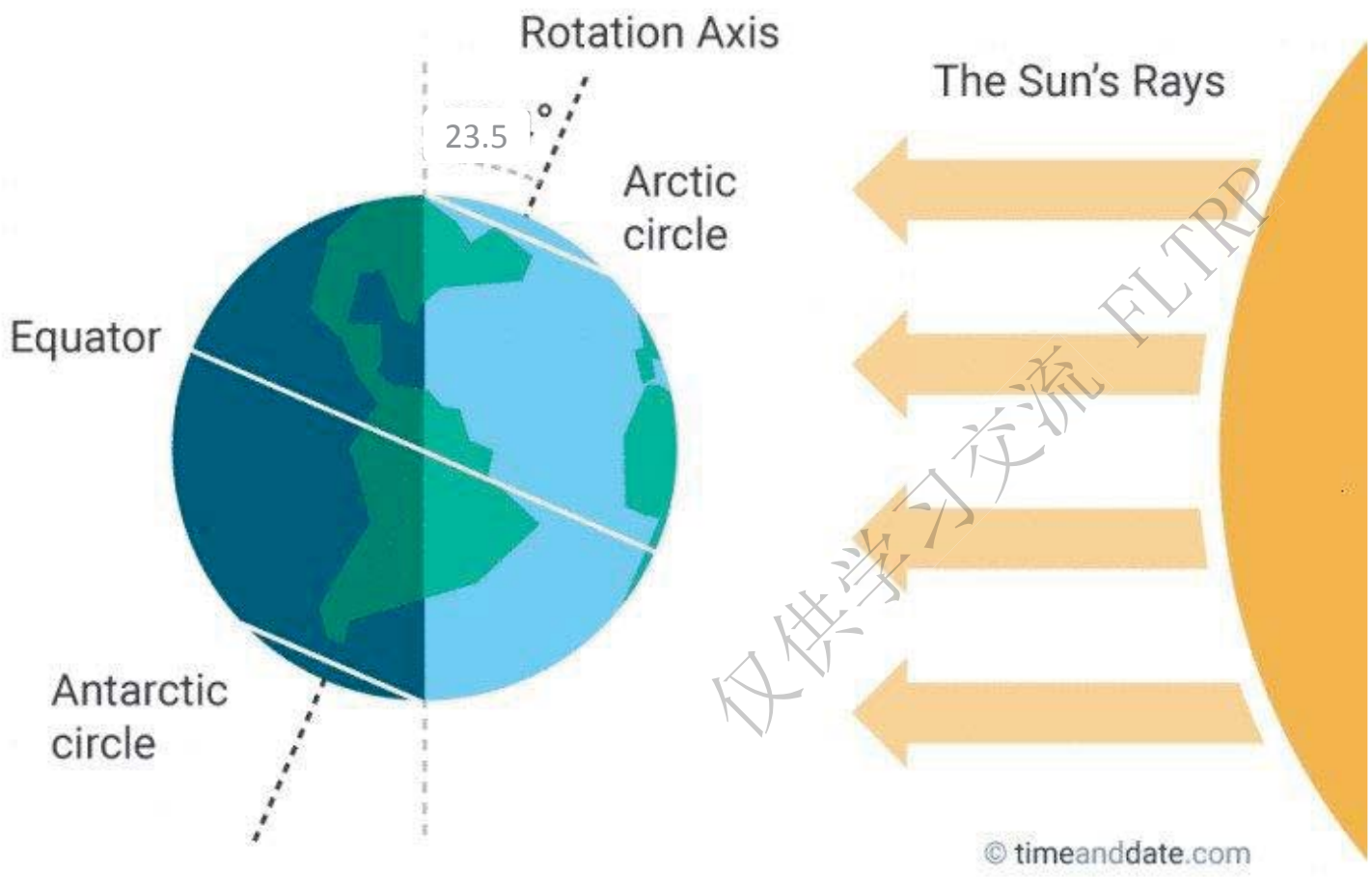


2 lines
- equator
- axis

2 directions
- tilt toward
- tilt away from

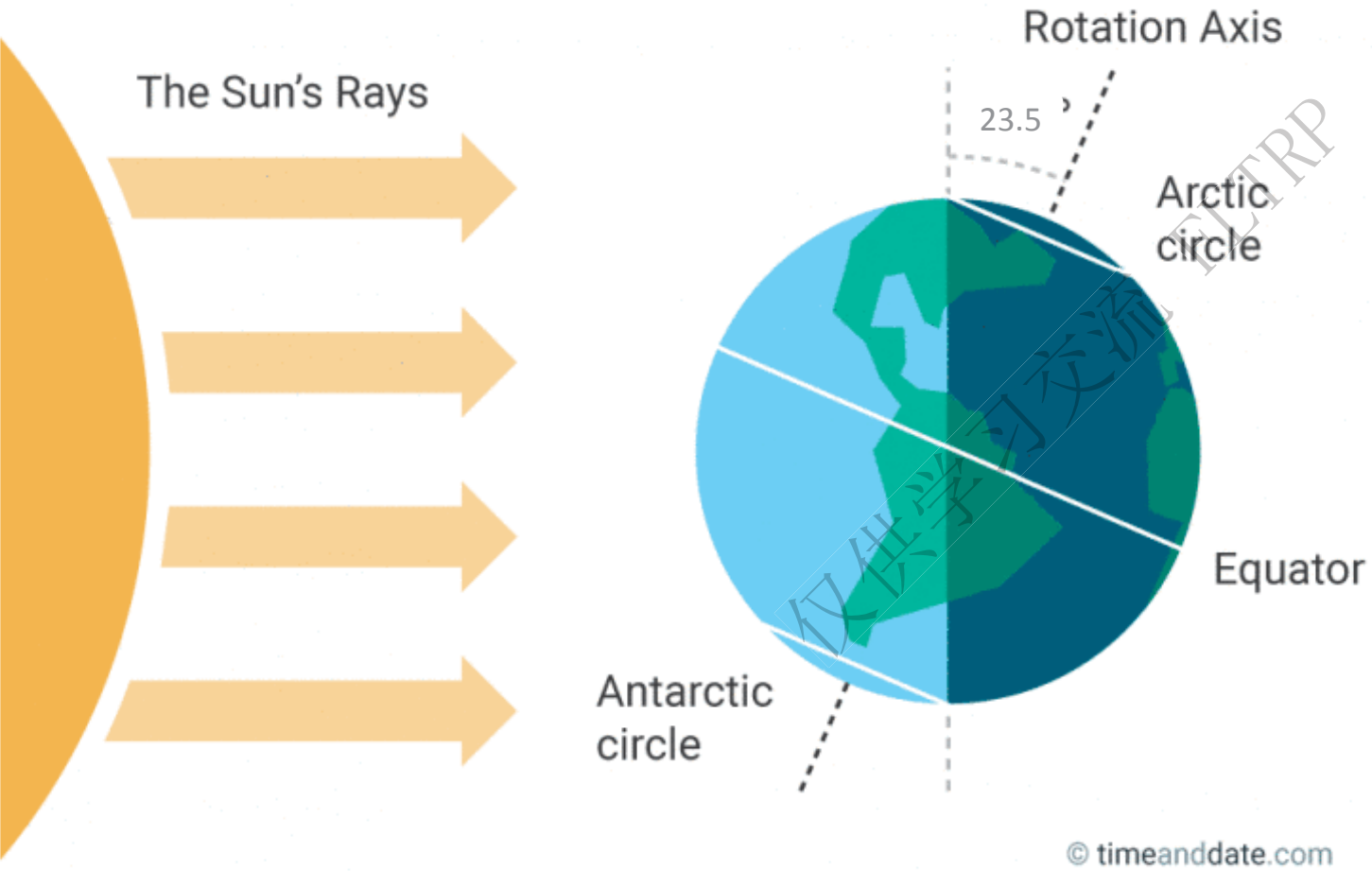
2 lights
- direct sunlight
- indirect sunlight

仅供学习交流 FLTRP



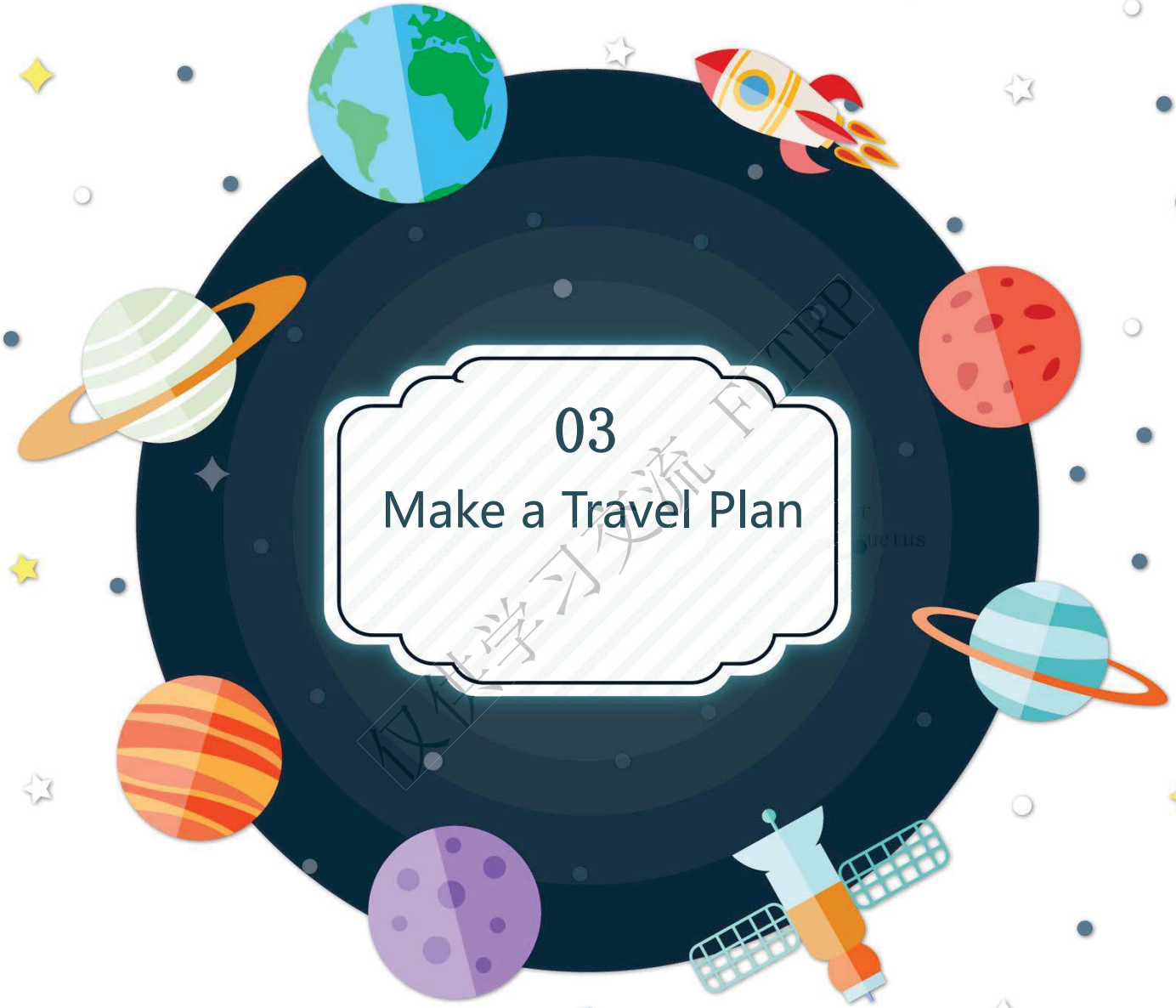
When the Earth is on the left side, it tilts _toward_ the Sun, so it gets more _direct_ sunlight, making it _hotter_, so it is _summer_.

仅供学习交流 FLTRP



仅供学习交流 ELTRP

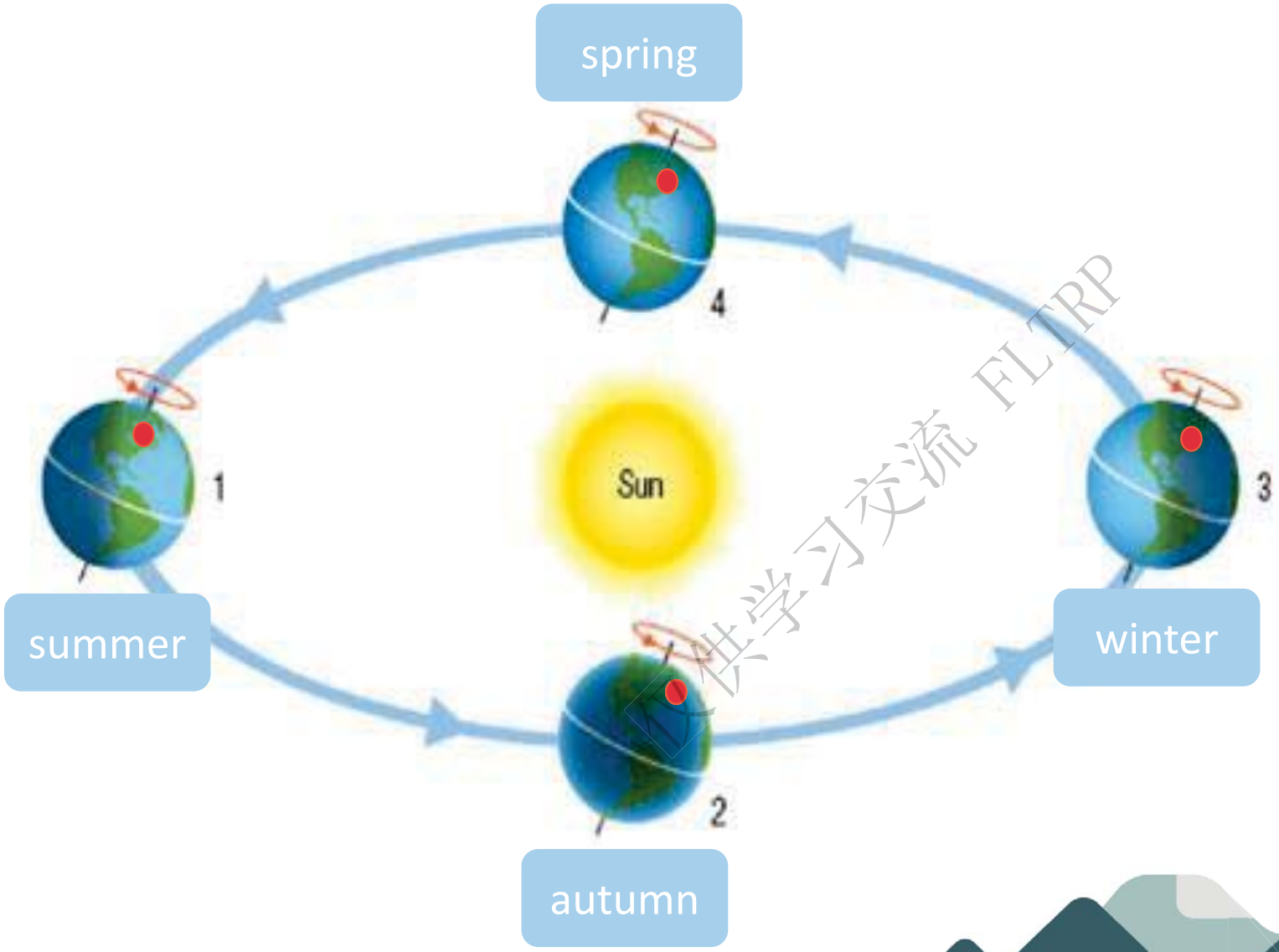
When the Earth is on the right side, it tilts away from the Sun, so it gets more _ indirect _ sunlight, making it _ colder _, so it is winter _.



03
Make a Travel Plan

仅供学习交流 FLTRP

Task 2



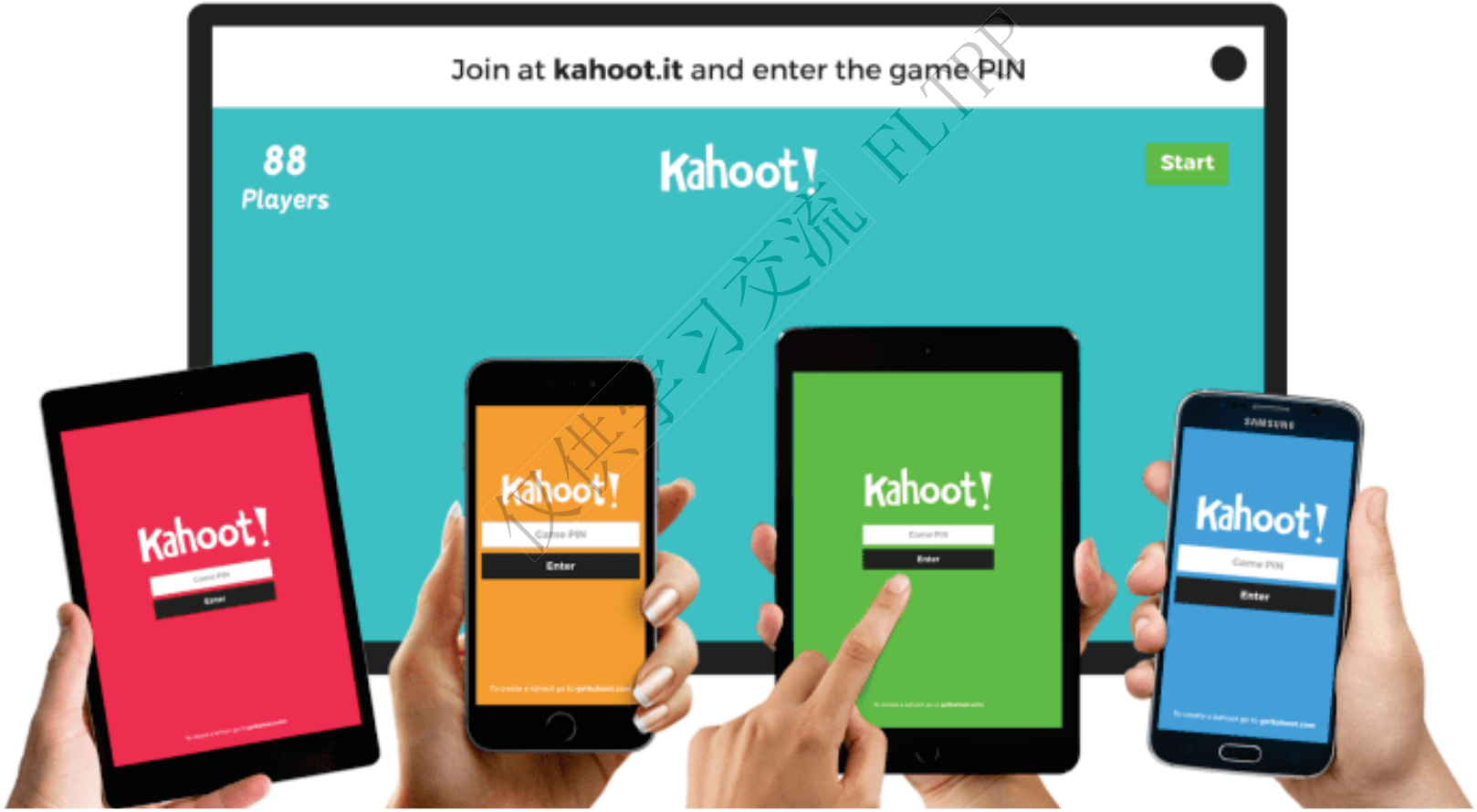
俄语学习交流 FLTRP

Task 3 hints

- What season is it?
- What's the weather like there?
- What should he wear?

仅供学习交流 FLTRP

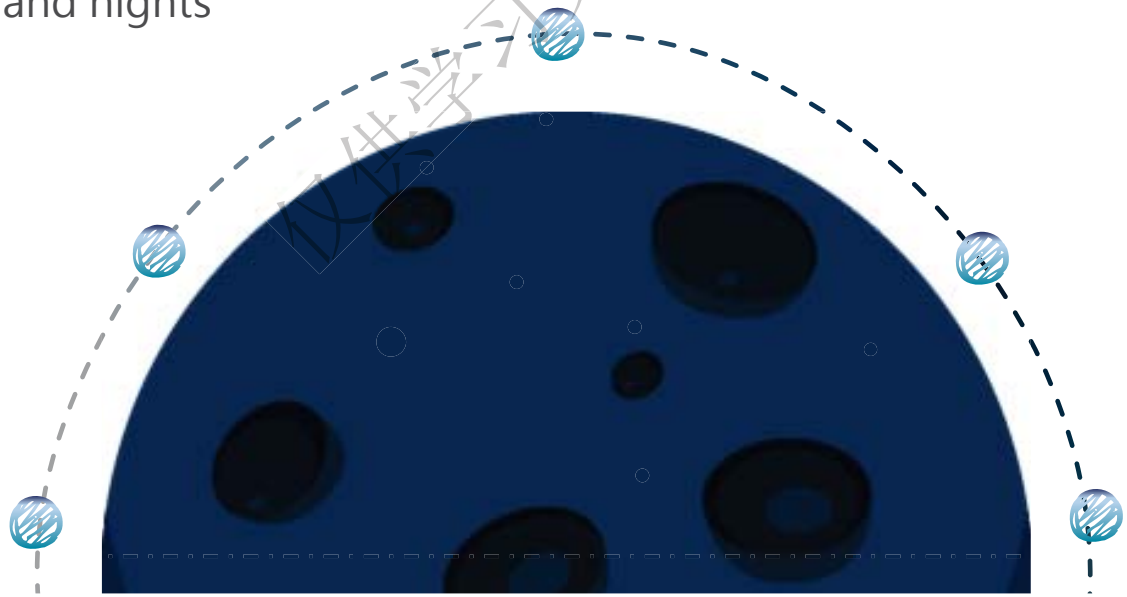
Ready to join?



仅供学习交流 FLTRP

Now I know...

- what causes 4 seasons
- what causes days and nights
- how to make simple travel plans
- rotation orbit



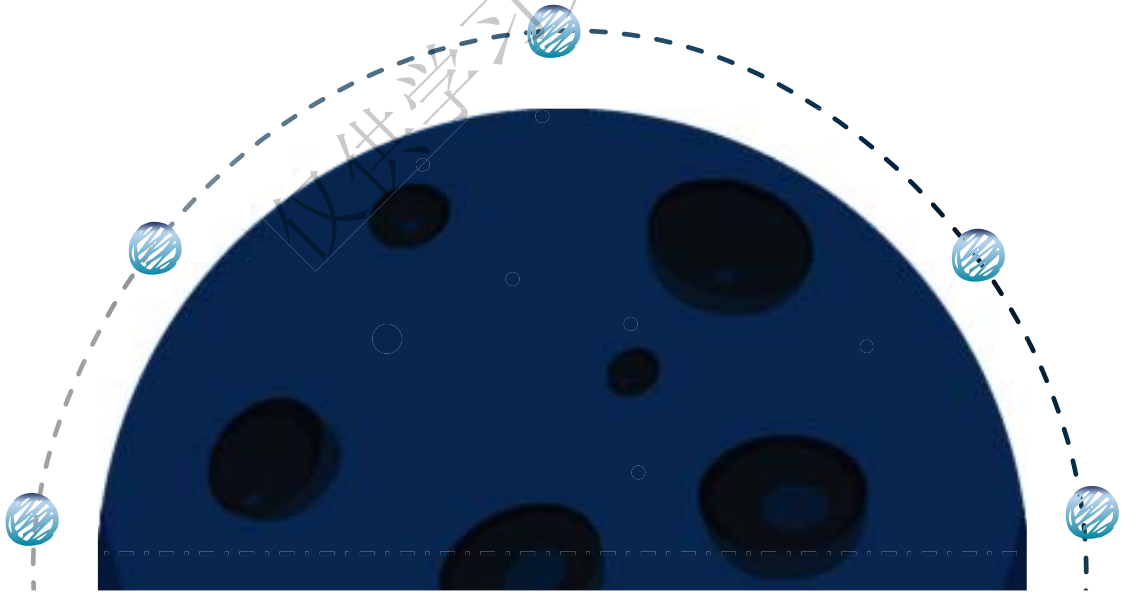
仪华学习交流 FLTRP

How I know…

I drew a diagram.

I used models.

I used what I learned in real life.



仅供学习交流 FLTRP

Assignment

01

. Use what we've learned to explore the seasons for Southern Hemisphere(南半球）.

仅供学习交流 FLTRP

仅供学习交流 F-TRP