

For Advanced Kids Learners

Book 2

Time to Talk

Lesson 4 Why Stars Twinkle



- Warm-up questions

Have you seen stars twinkle in the sky?



- Read and learn

Why Stars Twinkle

There are billions of stars in the sky. These stars give a **steady** and bright light. However, when we look up into the sky at night, we see them twinkling. But do stars really **twinkle**?

The truth is that no stars twinkle. Stars seem like they do so because they are too far away from Earth.



steady
not changing



twinkle
to shine with a light that
flickers

- Read and learn

Light from stars travels a very long **distance** before it reaches us. When light travels through Earth's **atmosphere**, it changes **directions** many times. That makes the stars look like they are **dimming** and brightening. Thus, they seem to twinkle.

**distance**

*the length between
two places or things*

atmosphere

*the gases around the
Earth*

direction

*the position things
move toward*

dim

dark, not bright

- Read and learn

Now we know stars do not twinkle. But whether stars twinkle or not, we still love to sing the song “Twinkle, Twinkle, Little Star”. Don’t we?



- Grammar



in the distance

used to express "far away"

Examples

She saw an airplane flying **in the distance**.

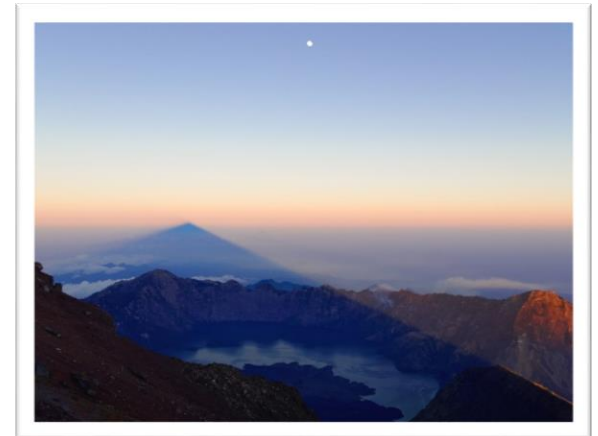
I can see the cloud **in the distance**.



+ Give example sentences using "in the distance".

1. _____.

2. _____.



- Write **T** if the sentence is true and **F** if it is not.

- _____ 1. There are only a few stars in the sky.
- _____ 2. Stars produce an unsteady and dim light.
- _____ 3. Light changes in many directions when it travels.
- _____ 4. Starlight travels in a very short distance before it reaches the earth.
- _____ 5. The light travels through the Earth's atmosphere.