

Task 1: Read the text. Was your idea correct?

Stars **twinkle** at night. Can you imagine planets around other stars?

Scientists wonder if there are planets with life, like Earth. A special space machine called Kepler looked for them. Kepler started looking in 2009. It found some planets about the size of Earth, but they are too hot! Scientists still look for a planet like ours.

For life like on Earth, a planet needs water that is not ice or gas. The **distance** from the sun affects how hot it is. Air is also important. Small planets can't hold air, and big planets have too much.

The Kepler mission cost about six hundred million dollars. The project finished in 2018. It lasted 5 years longer than the scientists planned. . Kepler didn't find other **life forms**, but Kepler helped scientists learn about planets outside our **solar system**. These planets are called exoplanets. Scientists are still learning about space!

Glossary

twinkle– a bright light that changes. Eg: bright, dark, bright, dark

distance– how far or near

Life forms – a plant or animal, for example

Solar system – The 8 planets that move around the sun

Task 2: Read and match 1-6 with a-e to make sentences about the text.

1 The Kepler space telescope	a) are not in our solar system.
2 Kepler has found five planets that	b) does not have enough air.
3 A planet can support life if it	c) has too much air.
4 A very small planet	d) is looking for other planets.
5 An extremely big planet	e) has water and air.