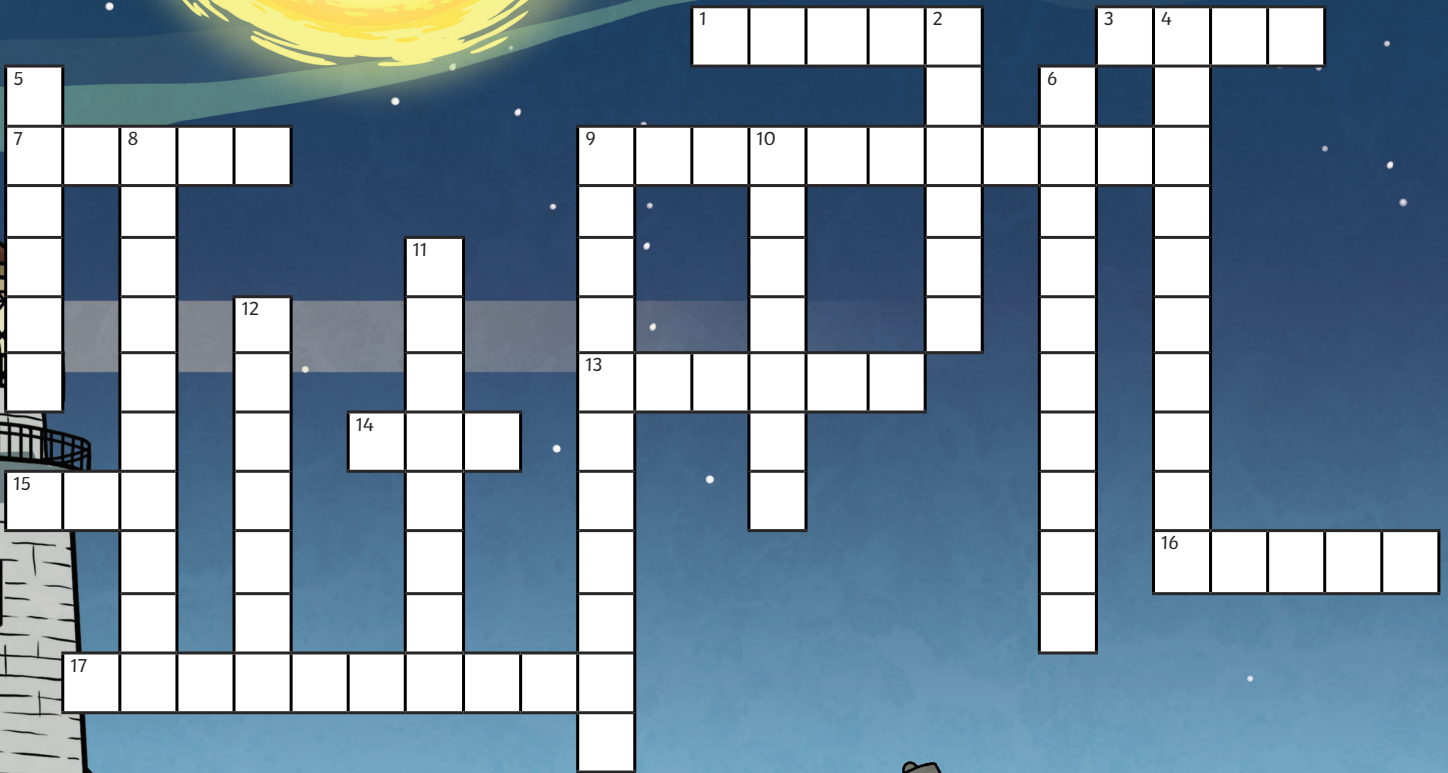


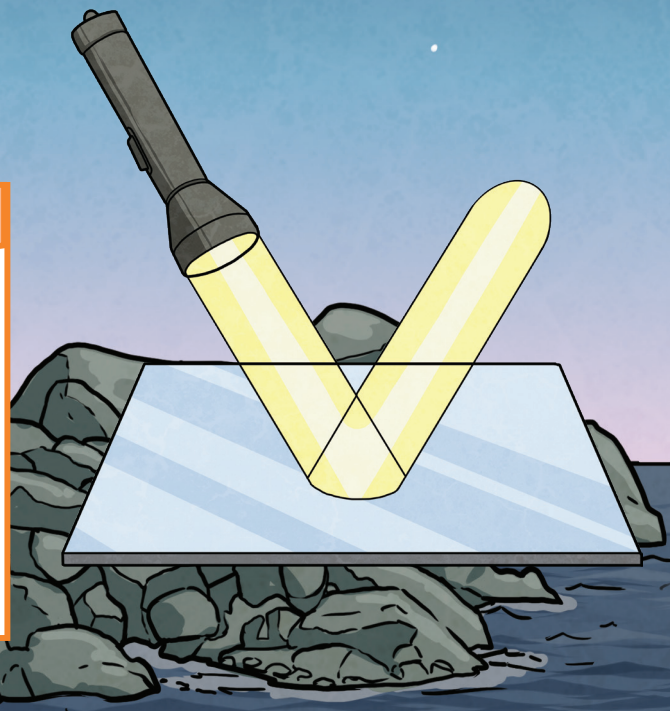
Light

Fill in the correct word in the sentence clues. Then write the word into the crossword grid.



Use these words to help you:

- | | | |
|--------------------------------------|-------------------------------------|---------------------------------|
| <input type="checkbox"/> REFLECTION | <input type="checkbox"/> ILLUMINATE | <input type="checkbox"/> PRISM |
| <input type="checkbox"/> SHADOW | <input type="checkbox"/> SUNDIAL | <input type="checkbox"/> RAY |
| <input type="checkbox"/> TRANSPARENT | <input type="checkbox"/> STRAIGHT | <input type="checkbox"/> WAVE |
| <input type="checkbox"/> OPAQUE | <input type="checkbox"/> ARTIFICIAL | <input type="checkbox"/> BENDS |
| <input type="checkbox"/> TRANSLUCENT | <input type="checkbox"/> NATURAL | <input type="checkbox"/> SOURCE |
| <input type="checkbox"/> LIGHT | <input type="checkbox"/> REFRACTION | <input type="checkbox"/> SUN |



Fill in the clues.

Across

1. A spoon in a glass of water looks as if it is bent. Light _____ when it moves from air to water.
3. Light travels as a _____. But unlike waves of water or sound waves, it does not need a medium to travel through.
7. Triangular pieces of glass that separate white light into its different colours, producing a rainbow effect. _____
9. Light completely passes through it and you can see clearly through it.

13. A shadow is larger when the object is closer to the light _____.
14. _____ diagrams can show how the path of light from a source reflects off surfaces into the eye.
15. A star that gives us light. _____
16. _____ is a form of energy that makes things able to be seen.
17. When a wave bounces off a surface. When you look in the mirror, you will see your _____.

Down

2. Longest in the morning and evening. When an object blocks light, a _____ is formed.
4. Lightbulbs and candles are _____ sources light.
5. The opposite of transparent. Objects that block light are _____.
6. First Nations Australians understand _____ when spearfishing. Just like when a spoon looks split in a glass of water.
8. Light up. _____
9. Some light passes through it. The light is scattered, so you can't see clearly through it.

10. The sun and stars are _____ sources of light.
11. Light travels in a _____ line.
12. Telling the time using shadows.
