


# Morning Starters: Summer 2 - Biomimicry

## Word Challenge

List some hyphenated adjectives that could describe a bullet train.

**Example:** energy-efficient, beak-like

## Grammar Challenge

Click text to edit 

Rewrite the sentence below, adding a parenthesis.

The bullet train was redesigned.

**Example:** The bullet train was redesigned (to improve its speed and efficiency).

## Did You Know?

The Japanese bullet train was redesigned to copy the shape of a kingfisher's beak. This helped reduce air resistance and noise, particularly when exiting tunnels. Thanks to this clever design, the train became faster, quieter and more energy-efficient, showing how nature can inspire improvements in technology.



Credit: BBC World Service - 30 Animals That Made Us Smarter

## Number Challenge

A kingfisher-inspired bullet train has a top speed of 320 kilometres per hour.

**If the train travelled at top speed for 3.25 hours, how far did it travel?**

## Critical Thinking

**Which animal do you find most inspiring and why?**

Monday

Tuesday

Wednesday

Thursday

Friday