

17. Saving sea turtles

You might know that sea turtles are an endangered species, but did you know that sea turtle hatchlings use moonlight to navigate their way to the sea after they're born and some beach lighting can stop them being able to do this?

This is where your micro:bit can help. Create a prototype (a working model) of a low-power, red LED beach light that can be used for lighting on beach paths which is also safe for sea turtles.

The program uses the built-in light sensor input to detect if it's dusk and then turn on the LED display output to show a turtle for fun and to remind people to look out for the hatchlings.

