



Problem

We have solar lights by our spa pool, when the solar panel doesn't get enough light the LEDs don't work, to solve this problem we go outside every hour or so and turn the solar panel to face the sun, however this takes up time and we are not home all day every day so the lights never get enough light.





Solution

To solve this problem we thought it would be great to use the Vex system to 'track' the sun so that we can make the most of the sunlight so the LEDs work every night. The solar tracker uses as little parts as possible. To remain sustainable the solar tracker uses 1 269 motor to power its rotation.

