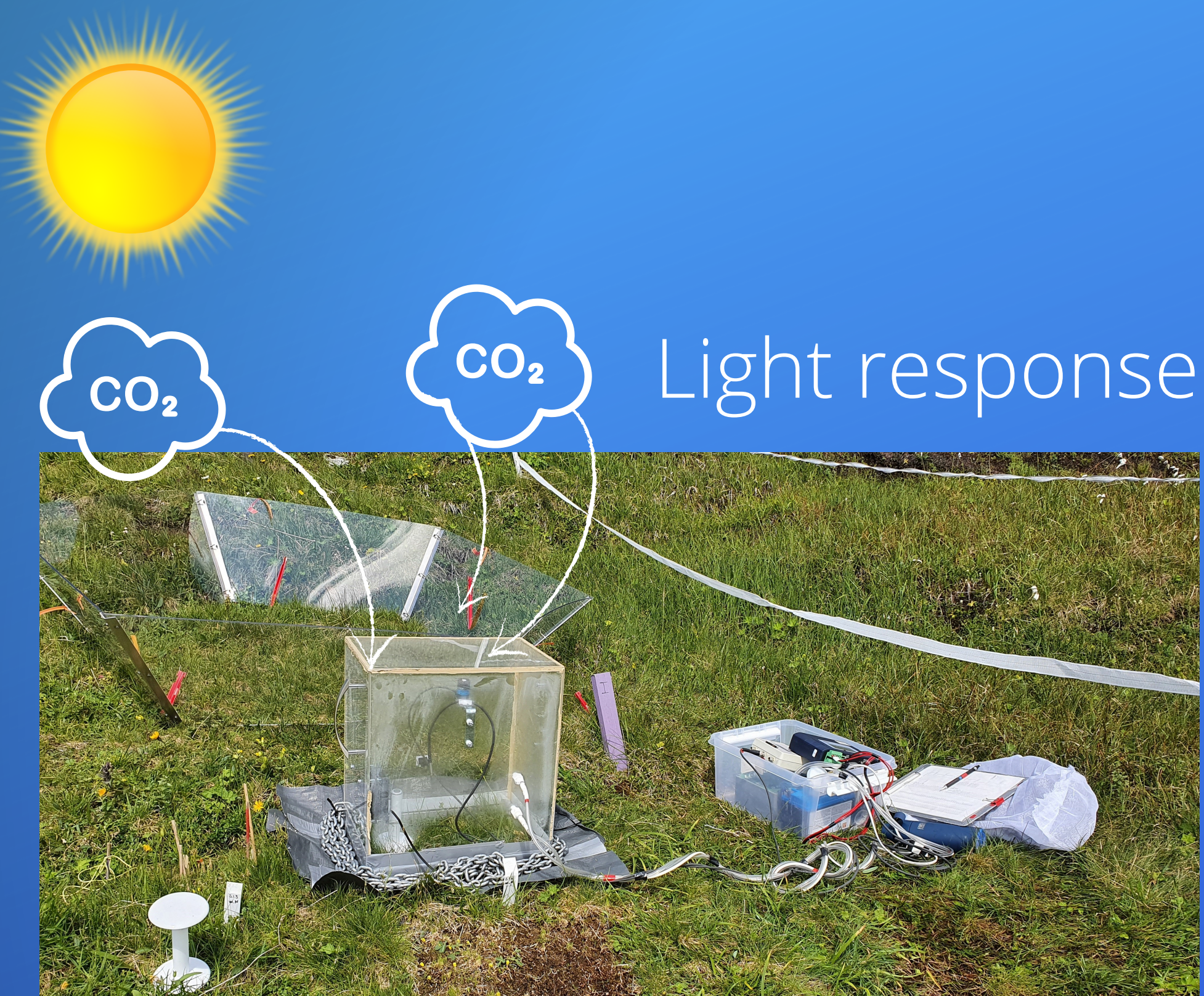
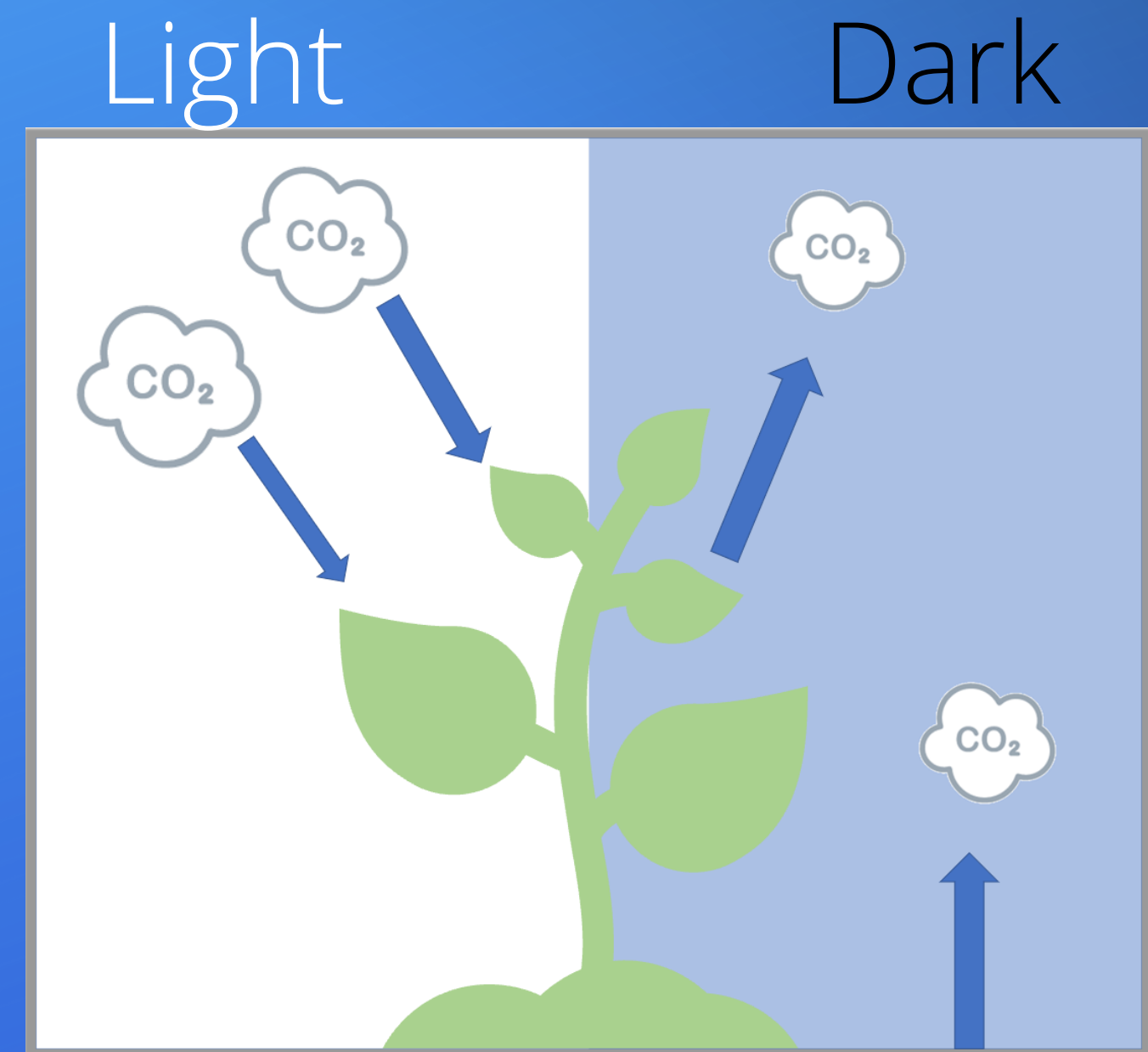


Method for measuring carbon dynamics in vegetation



- CO_2 inside chamber is equal to CO_2 in atmosphere.
- Measure CO_2 lost inside chamber for 2 minutes.
- CO_2 lost is equal to CO_2 taken up by the plants covered.



$(\text{CO}_2 \text{ lost from the atmosphere}) - (\text{CO}_2 \text{ released to the atmosphere})$
= CO_2 used to drive photosynthesis

Dark respiration

- Cover chamber with a cloth to block out sunlight.
- Measure CO_2 released for 2 minutes.
- CO_2 released is equal respiration from the plants and soil covered.

