

Photosynthesis project

Lesson plan

Lesson	Learning task(s)	Worksheet
1	<ul style="list-style-type: none">• Introduction of photosynthesis• Introduction of the project<ul style="list-style-type: none">- Discuss how to compare the rate of photosynthesis when different coloured lights are used- Complete the variable table- Provide hints for students to design the experimental set-up	pp. 1-3
2	<ul style="list-style-type: none">• Explanation on the experimental set-up• Coding: Control the colored light provided by the LED strip	pp. 4-5
3	<ul style="list-style-type: none">• Affix the LED strips onto the beaker• Connect the LED strips to the micro:bit to test if the coding works• If time allows: Students search information about the project and set a hypothesis	p. 4
4	<ul style="list-style-type: none">• Assemble the experimental set-up• Carry out the experiment	p. 5
5	<ul style="list-style-type: none">• Result and data treatment• Provide hints for Worksheet p.7	pp. 5-7
6	Buffer	N/A