🌿 Algae & photosynthesis notes (A1-A4.5)

Biology A · Unit 2 Algae & Photosynthesis · Level 2 guided notes. Use with the class slides.

Name: _____

Fill in each blank with a word from the word bank in that box. Each word is used one time.

A. Algae and microscopes (A1)

1. Clean microscope lenses with lens _____.
2. Always find your object on _____ power first.
3. Total magnification = eyepiece × _____.
4. Match the objective to the total magnification (10x eyepiece):

4x	400x
10x	100x
40x	40x

Word bank: **low** **objective** **paper**

B. Photosynthesis (A4 Pop beads)

5. Photosynthesis happens in the _____.
6. Light energy becomes stored _____ energy.
7. The light reactions split _____ and release oxygen.
8. Circle the 3 INPUTS of photosynthesis:

carbon dioxide · water · light · oxygen · glucose

Word bank: **chemical** **chloroplasts** **water**

C. Stomata and BTB (A4.5, Elodea & snails, A2)

9. Stomata are tiny pores that let _____ in and out.
10. Guard _____ open and close the stomata.
11. BTB turns _____ when CO2 goes up.
12. Number the algae lab steps (1-4):

_____ add algae and BTB
_____ observe for 4 days
_____ label 3 tubes
_____ add dish soap or fertilizer

Word bank: **cells** **gases** **yellow**

Level 2 version of the gen ed “A1 A Look at Algae, A4 Pop Bead Photosynthesis, A4.5 Stomata Peel, stomata review, Elodea & snails, A2 Algae lab.”