🫁 Respiration notes (A2, A3, A4, A5) · ANSWER KEY

Biology A · Unit 5 Breathing, Exercise & Energy · 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. Exercise lab (A2)

1. Exercise makes breathing rate and heart **rate** go up.
2. BTB turns from blue to **yellow** when carbon dioxide is added.
3. After exercise, CO2 production… (circle 1)

goes up goes down

Word bank: **rate** **yellow**

B. Combustion (A3 + A5)

4. Combustion means **burning**.
5. Combustion releases carbon dioxide and **water**.
6. Number the marshmallow lab steps (1-4):

2 burn it
4 find the mass again
1 find the mass
3 let it cool

Word bank: **burning** **water**

C. Yeast feast (A4)

7. Yeast give off carbon **dioxide** when they use food.
8. Yeast need glucose and **oxygen** for cellular respiration.

Word bank: **dioxide** **oxygen**

D. Respiration and ATP (A5)

9. _____ATP_____ is energy cells can use right away.

10. The energy in ATP first came from the _____sun_____.

11. Match the input or output:

(Key: glucose → input (from food) · oxygen → input (from lungs) · carbon dioxide → output (breathe out) · ATP → output (energy))

glucose	output (breathe out)
oxygen	output (energy)
carbon dioxide	input (from food)
ATP	input (from lungs)

Word bank: **ATP** **sun**

Level 2 version of the gen ed "A2 Exercise Lab, A3 Combustion, A4 Yeast Feast, A5 Respiration / A3.5 Combustion & Exercise."

🔑 *Key written by our team from Ms. Dunham's materials, please check.*