

THE BIORACE

EDUCATIONAL BOARD GAME



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BIO-QUESTIONS- Educational board game

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Level of Difficulty	QUESTIONS	DEEPENING
Average	<p>1. What can a bio-based phone cover be made of?</p> <p>a. Silicone b. Cork c. Iron</p>	The phone cover can be made using bio-based materials such as cork, which is sustainable and biodegradable.
Easier	<p>2. What is a bio-based product?</p> <p>a. A product derived entirely or partially from biological sources (plants/animals) b. A product certified as organic c. A product based on biological studies</p>	A bio-based product is made primarily or partially from biological sources, such as plants or animals, rather than from non-renewable sources such as oil.
Easier	<p>3. What is biodiversity?</p> <p>a. The variety of all living beings on Earth b. A collection of only plants c. A collection of only animals</p>	
Average	<p>4. What can be produced from fish oil?</p> <p>a. Soaps b. Eraser c. Lunch box</p>	
Easier	<p>5. What does compostable mean?</p>	

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	<ul style="list-style-type: none"> a. That can be used as compost when it decays b. It biodegrades almost anywhere c. Composed by a specialized operator d. 	
Harder	<p>6. What does biodegradable mean?</p> <ul style="list-style-type: none"> a. That the product degrades naturally in the environment thanks to the action of microorganisms such as bacteria and fungi b. It dissolves only in water and not in other solvents c. It dissolves in the soil d. 	
Average	<p>7. What can coffee grounds be used for?</p> <ul style="list-style-type: none"> a. Drinking b. Used to make a scrub c. A mirror 	
Harder	<p>8. What can tomato seeds and peels be transformed into?</p> <ul style="list-style-type: none"> a. Cosmetics b. Fabrics c. A leaf 	
Harder	<p>9. What can be produced from bamboo?</p> <ul style="list-style-type: none"> a. Blackboard b. Scarf c. Earphones 	
Easier	<p>10. What can be obtained from the poo of herbivorous animals (cows, horses, etc.)?</p>	

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	<ul style="list-style-type: none"> a. Pasta b. Pens c. Paper 	
Easier	<p>11. What is a renewable energy source?</p> <ul style="list-style-type: none"> a. Wind b. Gasoline c. Plutonium 	Wind is a renewable energy source that can be harnessed to generate electricity through wind turbines.
Average	<p>12. What does someone who respects nature train with?</p> <ul style="list-style-type: none"> a. Bio-based mats b. Plastic boxing gloves c. Rubber bands 	
Harder	<p>13. Can waste milk be worn?</p> <ul style="list-style-type: none"> a. Yes, as clothing b. No, it would slip off c. No, it would go bad 	From milk production waste, through various controlled processes, it is possible to transform the main milk protein (casein) into a natural yarn (Latinal) for the production of clothes and fabrics.
Average	<p>14. What can be obtained from wine production waste?</p> <ul style="list-style-type: none"> a. Elastic bands b. Biofuels c. Tennis racket 	

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Average	<p>15. What is biomass?</p> <ul style="list-style-type: none"> a. A natural science b. Substances of biological origin, plant or animal c. A mass derived from human activities 	
Harder	<p>16. What do the 3 Rs stand for in the field of circular bioeconomy and sustainability?</p> <ul style="list-style-type: none"> a. Reduce, restore, recycle b. Remember, recycle, repair c. Reduce, reuse, recycle 	
Average	<p>17. What does Renewable mean?</p> <ul style="list-style-type: none"> a. A resource that regenerates in a time frame comparable to its depletion over time b. Photovoltaic, wind, hydroelectric, etc. c. A resource that is used to produce an energy that never runs out 	
Harder	<p>18. What is spirulina?</p> <ul style="list-style-type: none"> a. Toy b. Algae c. A medicine 	
Easier	<p>19. What is global warming?</p> <ul style="list-style-type: none"> a. The weather on a sunny day b. The increase in average temperature throughout the year. The most recent one we are experiencing is caused by human activities c. Winter that became warmer 	

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Harder	<p>20. What can you obtain using the bark of a tree?</p> <p>a. Lamp b. Carpet c. Pot</p>	
Easier	<p>21. What is a bio-based plastic?</p> <p>a. A material that is produced entirely or partially from biological resources b. It is a material derived from fossil sources c. It is a material invented only to build houses</p>	
Average	<p>22. What does the Latin word <i>bio</i> refer to?</p> <p>a. Related to living beings b. A type of vegetable c. A type of dinosaur</p>	
Easier	<p>23. What is sustainable development?</p> <p>a. Development that ensures the satisfaction of the needs of the present generation without compromising those of future generations. b. Support a friend emotionally c. Support a heavy object</p>	
Average	<p>24. A toothbrush is very important for the health of our teeth, but it can also be useful to the Earth. What material could a sustainable toothbrush be made of?</p> <p>a. Plastic b. Bamboo c. Cocoa</p>	

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Average	25. What product can coffee waste be turned into? a. Fertilizer b. Water c. A slime (type of toy for kids)	
Harder	26. What product can used cooking oil be turned into? a. Medicines b. Wine c. Biofuels	
Harder	27. What product can be produced from algae? a. Swimming fins b. Hygiene products c. Nail polish	
Easier	28. Which of the following is the best option for living in a healthy environment? a. Reusing objects to produce less waste b. Extinction c. Taking the car every day for transportation	
Easier	29. What can be produced from donkey poo? a. Notebook b. Water bottle c. A candle	
Harder	30. What is spirulina used for? a. Washing b. Sleeping better c. Having more energy	
Average	31. What is a biorefinery? a. Biological industry b. A plant that transforms biomass into bio-based products and bioenergy c. A plant where bioenergy is produced	

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<p>Harder</p>	<p>32. What is circular economy?</p> <ul style="list-style-type: none"> a. The economy that takes place in a circus b. A type of economy where a product is used as long as possible through recycling c. An economy based on waste recycling 	
<p>Easier</p>	<p>33. What are the advantages of using bio-based materials compared to conventional ones?</p> <ul style="list-style-type: none"> a. They usually reduce the emission of greenhouse gases b. They are cheaper c. They increase air pollution 	

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