



## Bio Tech Student Worksheet - Answer Key

Biotechnology Sector	Clues:	Circle the Bio Tech Achievement:
Green Biotechnology	Deals with the Environment and Agriculture. Brings us biofuels and biofertilizers. Creates pest resistant crops. Improves agricultural yields.	Covid vaccine Genetically modified foods More efficient fisheries Bacteria that break down plastic Frost resistant plants Pollution free paper manufacturing
Red Biotechnology	Focuses on relieving human suffering and veterinary products.  Deals with the field of medicine.  Creates therapeutics, medications, and gene therapy.  Creates vaccines and antibiotics.	Covid vaccine Genetically modified foods More efficient fisheries Bacteria that break down plastic Frost resistant plants Pollution free paper manufacturing
Yellow Biotechnology	Focuses on increasing the nutrition found in our foods. Dedicates resources to the protection of important insects, like bees. Creates rice and potatoes with more vitamins and nutrients.	Covid vaccine  Genetically modified foods  More efficient fisheries  Bacteria that break down plastic  Frost resistant plants  Pollution free paper manufacturing
Blue Biotechnology	Focused on marine plants and animals. Works to save coral reefs. Works to end overfishing. Maintains marine biodiversity. Creates marine-based medicines.	Covid vaccine Genetically modified foods  More efficient fisheries Bacteria that break down plastic Frost resistant plants Pollution free paper manufacturing
White Biotechnology	Deals with industry. Focuses on producing products faster, cleaner, and easier. Works to reduce pollution caused from industry.	Covid vaccine Genetically modified foods More efficient fisheries Bacteria that break down plastic Frost resistant plants Pollution free paper manufacturing
Grey Biotechnology	Works with microorganisms, fungi, bacteria, and enzymes that will biodegrade items more quickly. Creates efficient sewage treatment to reduce waste in water supply.	Covid vaccine Genetically modified foods More efficient fisheries Bacteria that break down plastic Frost resistant plants Pollution free paper manufacturing