

Fill in the gaps with the words from the box:

pivotal envisions eradicate feasible augmented undergone
thing of the past fostering laying the groundwork

1. Groundbreaking genome editing tools

In the world of 2030, biotechnology will play a 1) _____ role in unlocking the secrets of our genetic code, revolutionizing healthcare and life expectancy. Gene-editing tools will have become more precise and widely accessible, enabling us to 2) _____ hereditary diseases. The logic is simple: alter the gene lines in an embryo's 8 or 16 cell stage (to, say, eliminate the gene for Tay-Sachs disease) and that change will occur in each of the resulting person's trillions of cells – not to mention in the cells of their descendants.



2. Education and Learning Transformation



Education in 2030 will have 3) _____ a significant transformation, thanks to advancements in technology and AI-driven personalized learning. Many scientists predict that traditional classrooms will be a 4) _____, replaced by virtual and 5) _____ reality learning environments. Students will have access to tailored educational content, adapting to their unique learning styles and capabilities.

With the rise of lifelong learning, individuals will have the opportunity to continually upskill and adapt to the ever-changing job market. AI-powered tutors and mentors will guide learners throughout their lives, 6) _____ a culture of continuous growth and intellectual exploration.

3. Interplanetary Exploration and Colonization

In the world of 2030, humanity will have made substantial progress in space exploration and colonization efforts. Kurzweil 7) _____ the establishment of permanent settlements on the Moon and Mars, 8) _____ for future interstellar travel. Advancements in technology, such as ion drives and space-based solar power, will make deep space missions more 9) _____.



The collaborative efforts of governments and private enterprises should probably accelerate our understanding of the cosmos and push the boundaries of human exploration.