**Technology Advancements**

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|  | **Key People** | **Key Contributions** |
| **Space Program** | President Kennedy (early 1960s )  Presidents After Kennedy:  John Glenn, U.S. astronaut  Neil Armstrong, astronaut in 1969  Sally Ride | Pledged increased support for the American space program  Continued the *race to the moon* through the 1960s  First American to orbit the Earth  First person to step onto the moon’s surface  He proclaimed "That’s one small step for a man; one giant leap for mankind"  First female American astronaut |

**Technological Advances Today**

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| **Key Area** | **Examples** |
| **Space Exploration** | **Space shuttle**  **Mars Rover**  **Voyager missions**  **Hubble Telescope** |
| **Communications** | **Satellite**  **Global positioning system (GPS)**  **Personal communication devices** |
| **Robotics** |  |

Describe the impact changes in technology have had in work, school, and health care:

* Telecommuting
* On-line course work
* Growth of service industries
* Breakthroughs in medical research, including improved medical diagnostic and imaging technologies (MRI)
* Outsourcing and off-shoring