

Name \_\_\_\_\_

## Becoming an Architect: Designing the Future

### Open-Ended Response Answer Key

1. Answers may vary, but students should name a famous building or structure designed by an architect they admire and explain why they find it impressive.
2. Answers may vary, but students can describe a design concept for a modern eco-friendly home, including features such as solar panels, energy-efficient appliances, and sustainable building materials.
3. Advancements in technology, such as computer-aided design (CAD) software, have impacted the field of architecture by streamlining the design process, improving accuracy in drafting and modeling, and allowing architects to explore complex designs more easily.
4. Teamwork and collaboration are important in architecture because architects often work with engineers, interior designers, contractors, and other professionals to ensure that their designs are functional, safe, and aesthetically pleasing. Examples of collaboration include working with structural engineers to ensure a building's stability or collaborating with interior designers to create cohesive interior spaces.

