



# Clara Science Academy

Parent/Student Homework Signature

**SUBJECT:**  
HISTORY

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**Student Name:** **Emack Akili**

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**Due:** **Tuesday, the 17th of February, 2026**

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## Homework:

Students are to write 5-8 sentences for the Robert Hooke Worksheet and answer any and all multiple choice questions. The due date is Tuesday, the 17th of February, 2026.

Use the Rules for writing:

1. Each paragraph must be indented
2. Each sentence must begin with a different word
3. Each sentence must be a complete sentence.
4. Each paragraph must explain who, what, when, where, and how.
5. Each sentence must begin with a capital letter and end with either a period or exclamation mark.
6. The beginning of each sentence must have a capital letter.

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Parent Signature

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Grade

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Date

Student Name



# Clara Science Academy

## Homework on Robert Hooke

### History Multiple Choice

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**1. In what year was Robert Hooke born in Freshwater, Isle of Wight?**

- A. 1635
- B. 1665
- C. 1653
- D. 1703

**2. Hooke served as an assistant to which renowned chemist at Oxford?**

- A. Christopher Wren
- B. Robert Boyle
- C. Thomas Willis
- D. Peter Lely

**3. Which term did Robert Hooke coin after observing the structure of cork?**

- A. Atom
- B. Nucleus
- C. Cell
- D. Tissue

**4. What is the mathematical formula for Hooke's Law of elasticity?**

- A.  $E = mc^2$
- B.  $F = ma$
- C.  $V = IR$
- D.  $F = -kx$

**5. What was Samuel Pepys' reaction to Hooke's book, *Micrographia*?**

- A. He called it "the most ingenious book" he ever read.
- B. He claimed it was a plagiarism of Isaac Newton's work.
- C. He found the drawings of fleas to be "unsettling" and "frightful."
- D. He dismissed it as "experimental nonsense" for the public.

**6. Which mechanical device used in modern vehicles was invented by Robert Hooke?**

- A. The internal combustion engine
- B. The universal joint
- C. The disc brake system
- D. The hydraulic pump

**7. Hooke co-designed "The Monument" to commemorate which event?**

- A. The birth of the Royal Society
- B. The Great Fire of London
- C. The discovery of the Orion Trapezium
- D. The end of the Anglo-Dutch War

**8. In astronomy, which of the following did Hooke discover or suggest?**

- A. The rings of Saturn
- B. The existence of Neptune
- C. The rotation of Jupiter on its axis
- D. The four moons of Mars

**9. What major controversy hindered Hooke's historical recognition for centuries?**

- A. A dispute with the Church over fossil theories
- B. A bitter rivalry with Isaac Newton over gravitational theory
- C. Accusations of financial mismanagement at the Royal Society
- D. His refusal to allow any portraits of himself to be painted

**10. Which medical breakthrough did Hooke pioneer through respiratory research?**

- A. The first successful blood transfusion
- B. The creation of the first vaccine
- C. The first human low-pressure chamber
- D. The discovery of the circulatory system