



## Clara Science Academy

### Parent/Student Homework Signature

**SUBJECT:**  
HISTORY

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**Student Name:** Emack Akili

**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



# Clara Science Academy

## Homework on Robert Hooke

History Writing



Who is Robert Hooke?

How did he contribute to science?

Where did he live?

When was he born?

What were Robert Hooke's achievements?

Students are to answer the question(s) above in complete sentences.

*5-8 Sentences*

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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

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Date

Student Name

**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