

CLASS – 10

ENGLISH

Footprints without Feet

CH-6 : The Making of a Scientist

Part – 4

Ebright: Emerging Scientist

ARPITA SHARMA



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OVERVIEW



1. Richard Ebright: Curious young collector

2. The Power of a Good Book

3. Richard's Science Fair & Research

4. Ebright: Emerging Scientist

Ebright and his college room-mate,
James R. Wong, worked all that night
drawing pictures and constructing
plastic models of molecules to show
how it could happen,

Molecules : अणु

Surprising no one who knew him,

Richard Ebright graduated from

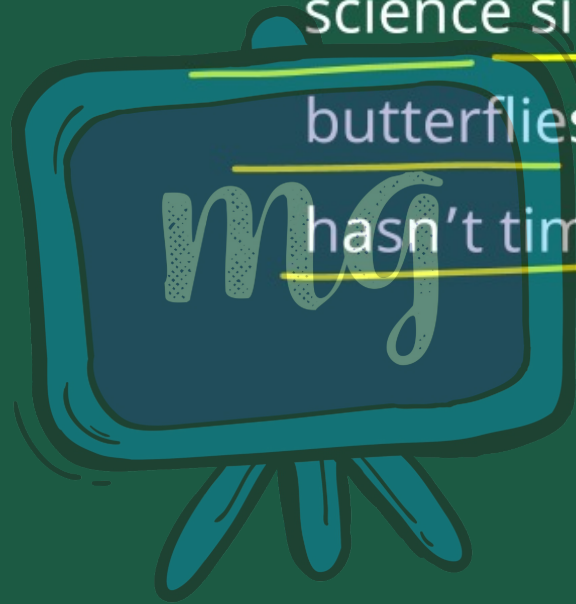
Harvard with highest honours, second
in his class of 1,510.

Ebright went on to become a graduate
student researcher at Harvard Medical
School. There he began doing
experiments to test his theory.

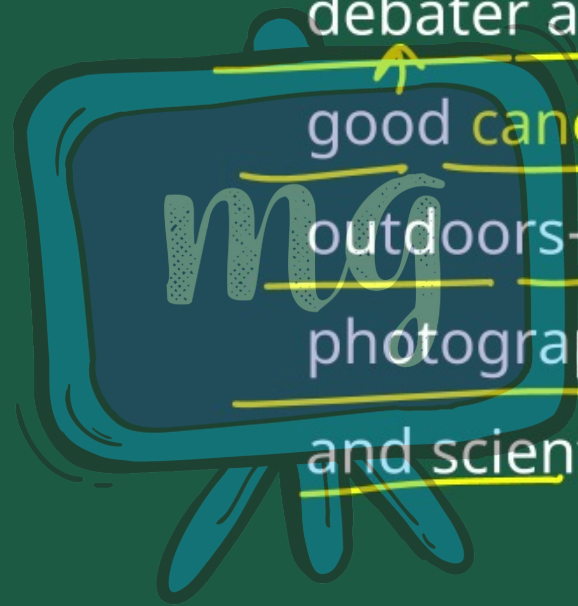
If the theory proves correct, it will be a big step towards understanding the processes of life. It might also lead to new ideas for preventing some types of cancer and other diseases. All of this is possible because of Ebright's scientific curiosity.

His high school research into the purpose of the spots on a monarch pupa eventually led him to his theory about cell life.

Richard Ebright has been interested in science since he first began collecting butterflies – but not so deeply that he hasn't time for other interests.



Ebright also became a champion debater and public speaker and a good canoeist and all-around outdoors-person. He is also an expert photographer, particularly of nature and scientific exhibits.



Canoeist : नाविक
Exhibits : प्रदर्शन

In high school Richard Ebright was a

straight A student. Because learning

was easy, he turned a lot of his energy

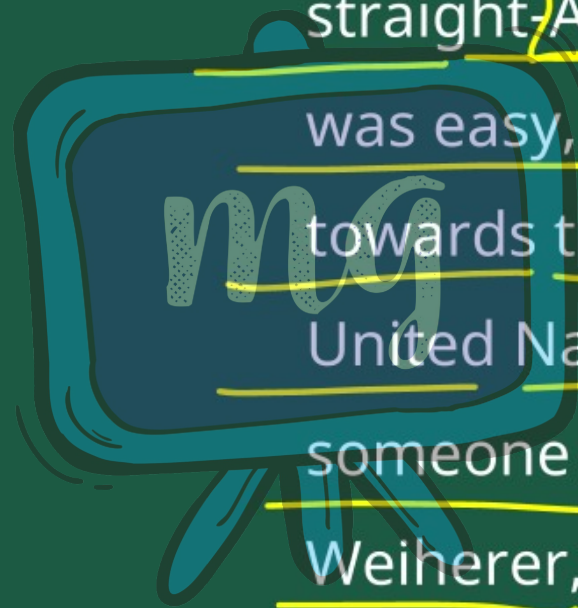
towards the Debating and Model

United Nations clubs. He also found

someone to admire — Richard A.

Weiherer, his social studies teacher

and adviser to both clubs.

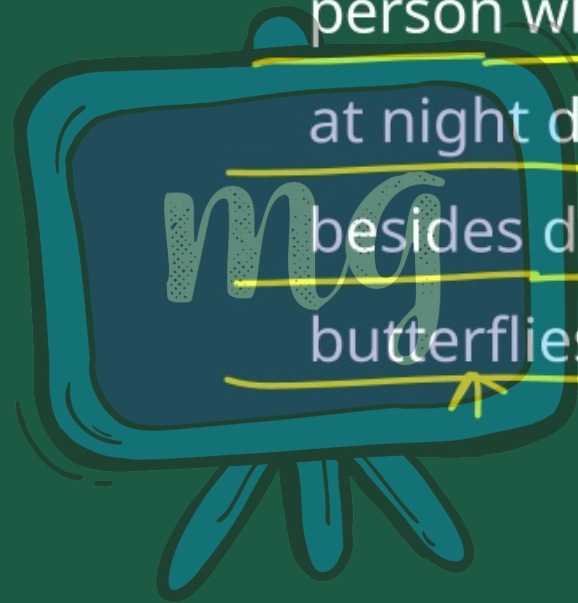


“Mr Weiherer was the perfect person
for me then. He opened my mind to
new ideas,” Ebright said.

“Richard would always give that extra
effort,” Mr Weiherer said.



“What pleased me was, here was this
person who put in three or four hours
at night doing debate research
besides doing all his research with
butterflies and his other interests.”



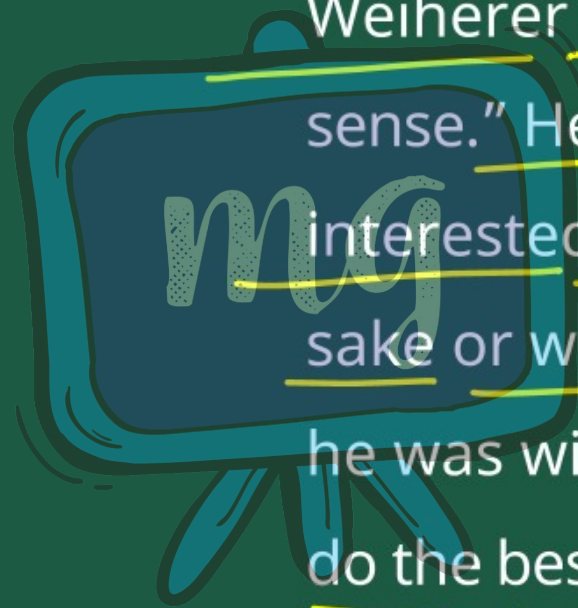
“Richard was competitive,” Mr

Weiherer continued, “but not in a bad
sense.” He explained, “Richard wasn’t

interested in winning for winning’s
sake or winning to get a prize. Rather,

he was winning because he wanted to
do the best job he could. For the right

reasons, he wants to be the best.”

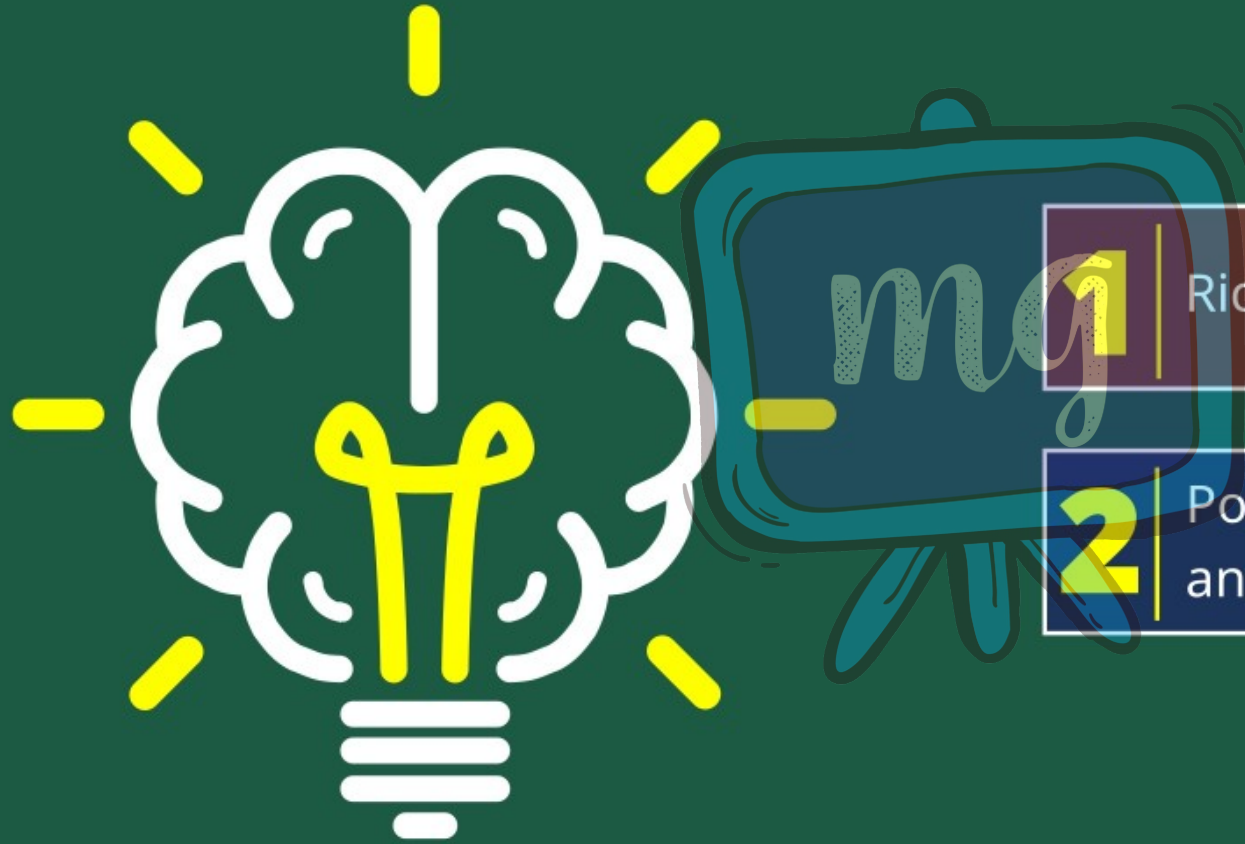


And that is one of the ingredients in the making of a scientist. Start with a first-rate mind, add curiosity, and mix in the will to win for the right reasons. Ebright has these qualities.

From the time the book, The Travels of Monarch X, opened the world of science to him, Richard Ebright has never lost his scientific curiosity.

Ingredients : घटक

LEARNING OUTCOMES



1 | Richard's Achievements

2 | Power of Hard-work, Dedication
and Persistence



1 What was the primary focus of Richard Ebright's research during his graduate studies?

A The behavior of monarch butterflies.

B The process of photosynthesis.

C Testing his theory about cell life.

D The development of cancer treatments.



2

Richard Ebright became a graduate student researcher at ____ after completing his studies at Harvard.

- A Yale University
- B Princeton University
- C Harvard Medical School
- D MIT



3

Ebright's teacher Richard A. Weiherer, was an adviser to the ___ and Model United Nations clubs in high school.

A

Science

B

Drama

C

Debating

D

Art

