

EQ #1-WHO WAS RACHEL CARSON?



WHO WAS RACHEL CARSON?

- Listen to the excerpt from her final book, *A Sense of Wonder*.
- Read the short biography of Rachel Carson's life.
- What did you find out about Rachel Carson's life that you think is important in understanding who she was as a person?

WHY ARE WE THE RACHEL CARSON ACADEMY?

- Rachel Carson was an important American writer, scientist and environmentalist.
- She believed everyone had an innate **sense of wonder** about the natural world that should be nurtured .
- She believed the best teaching is to facilitate learning through experiences--taking students outside.



WHEN DID SHE LIVE?

- She lived from 1907-1964 and was born in Pennsylvania
- She loved nature as a child and spent much of her childhood exploring the Atlantic Ocean coastal areas.
- What happened historically during her life that might have affected her?



WHAT DID SHE STUDY?



- She graduated from college in 1929 with a degree in Biology
- She earned a Master of Science in Zoology in 1932
- She became a Marine Biologist after finishing her Masters

WHAT WAS HER CAREER TRACK?

- She was hired by the US Fish and Wildlife Service and had a 15 year career as a scientist with the federal government
- She wrote science pamphlets and articles and edited publications for the Federal Government.
- Later, she left this job to become a full-time author of naturalist books.



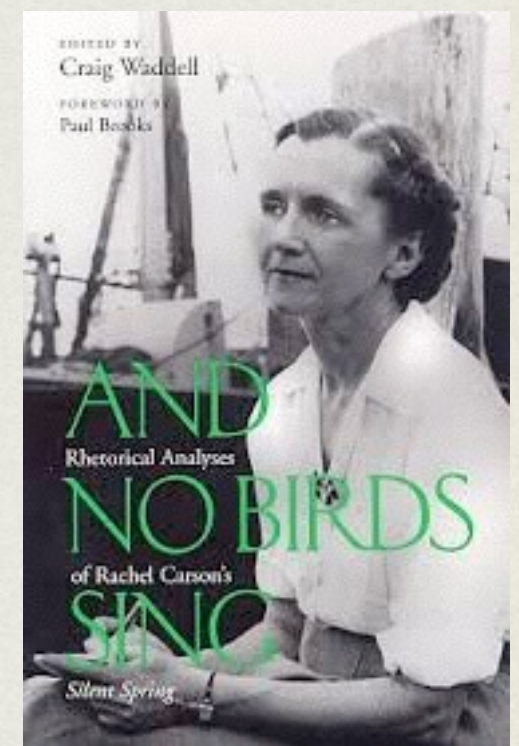
WHAT DID SHE WRITE?

- *Silent Spring* is her most controversial and famous book.
- It was about the problems the use of DDT, a pesticide used on crops, was harmful to bird populations and other organisms in food webs.
- She also wrote *A Sense of Wonder*, *Under the Sea Wind*, *The Sea Around Us* and *The Edge of the Sea*.



VIDEO SEGMENT ACTIVITY

- WHILE watching the first segment of the documentary on Rachel Carson's life and work, **record at least FIVE fun facts** you remember from your viewing so far.
- Use the **LEFT SIDE** of your INB



WHO WAS RC? MORE FILM...

- As we watch the next film segments, listen for and record examples of-
 - What motivated Carson to write *Silent Spring*? Why did she name the book *Silent Spring*?
 - In what ways did Rachel Carson show **courage**?
 - Specific concerns she had about the effects of chemicals on the natural world.
 - A definition of pesticide.

READ CARSON QUOTES

- Take some time to read through the quotes from Rachel Carson's writing (10-15 minutes)
- Underline or star three quotes that you think are most meaningful
- It's OK to mark up your packet!
- **Write your top three in your INB on a LEFT side (will be graded today)**



WRITE A SUMMARY

- At the end of your EQ #1, write a 3-5 sentence paragraph after reviewing your notes.
- Summaries should answer the EQ- Who was RC? What did she do that was important?
- Use formal response; be specific

CHOOSE THREE QUOTES

- Find a partner who reviewed quotes from the other packet.
- Discuss quotes you each liked.
- Why do you like them?
- Pick THREE quotes and write them down in your INB on a left side; you will narrow this list to ONE for your card

RC QUOTE CARD

- Choose one of the quotes (you can shorten it to the most relevant part for you if it's long) that stands out as especially meaningful to you
- Create a card with the quote and a corresponding drawing that captures what the quote means to you
- See examples as needed

SILENT SPRING READING

- Read Ch 1 of Silent Spring aloud together.
- With a partner, discuss Questions #1 and #2
- Record your answers on a piece of loose leaf notebook paper to turn in (later).



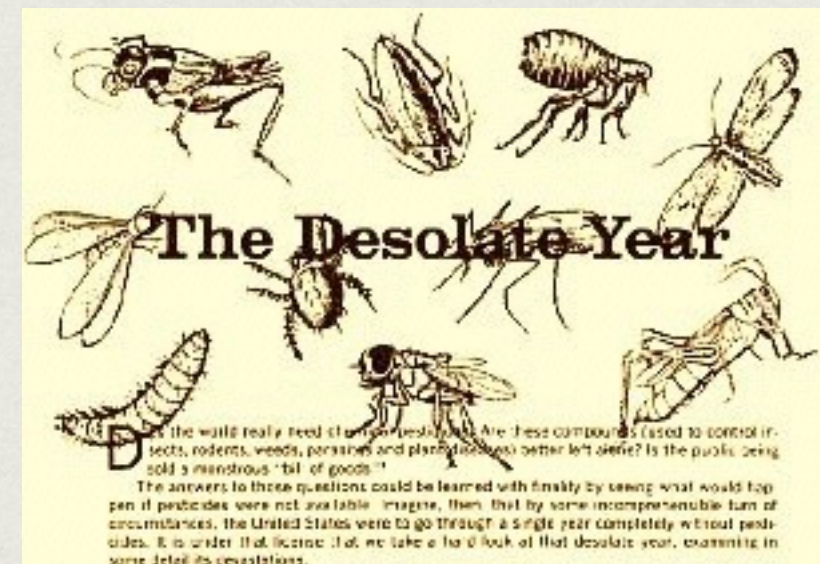
SILENT SPRING

- Read the first pages of Chapter 2 in Silent Spring (pp. 6-9)
- Discuss TWO things you underlined and why?
- Discuss Questions #4 & 5 from the handout with your table partner.

17. The Other Road

We stand now where two roads diverge. But unlike the roads in Robert Frost's familiar poem, they are not equally fair. The road we have long been traveling is deceptively easy, a smooth superhighway on which we progress with great speed, but at its end lies disaster. The other fork of the road — the one "less traveled by" — offers our last, our only chance to reach a destination that assures the preservation of our earth.

The choice, after all, is ours to make. If, having endured



SILENT SPRING

READING

- Read pp. 8-10 from Silent Spring Chapter 2
- After reading, answer Questions #5 & #6 from your assignment.
- Now finish reading Ch 2 of Silent Spring
- Answer Questions #7 from your assignment.

SILENT SPRING

READING

- Read Ch 3-*Elixirs of Death* (in your packet)
- Answer question #9 and #10 from your sheet.
- The *Silent Spring* answer sheet is due at the end of class today.

3. Elixirs of Death

FOR THE FIRST TIME in the history of the world, every human being is now subjected to contact with dangerous chemicals, from the moment of conception until death. In the less than two decades of their use, the synthetic pesticides have been so thoroughly distributed throughout the animate and inanimate world that they occur virtually everywhere. They have been recovered from most of the major river systems and even from streams of groundwater flowing unseen through the earth. Residues of these chemicals linger in soil to which they may have been applied a dozen years before. They have entered and lodged in the bodies of fish, birds, reptiles, and domestic and

WARM-UP #1

SILENT SPRING Q'S

- 1. What is the MAIN message Carson was sending in *Silent Spring*? State it in a sentence or two.
- 2. What term did Carson say was a more accurate one than *pesticide*? Why?
- 3. What event motivated Carson to write *Silent Spring*?
- 4. What is your partner's nature name?