

Question Origins

Sort inquiry questions by who chose them.

8.12.A “generate student-selected and teacher-guided questions for formal and informal inquiry;”

NAME _____

DATE _____

STUDENT-SELECTED

You choose this question because it connects to your curiosity, purpose, or need for information. You decide what you want to investigate.

A question you create because you are curious:
“Why do honeybees dance?”

TEACHER-GUIDED

Your teacher gives or directs this question to guide an investigation. The question supports a class learning goal.

A question given during class: “How does erosion change a coastline?”

1 SORT

8 items

For Part 1, circle STUDENT or TEACHER for each question; for Part 2, choose two items and explain how you knew who chose each question.

1. Your teacher asks, “What causes a solar eclipse?”

STUDENT

TEACHER

2. You wonder, “Why do some songs get stuck in my head?”

STUDENT

TEACHER

3. You choose to ask, “How can I train for a 5K safely?”

STUDENT

TEACHER

4. Your teacher directs you to ask, “How did the Homestead Act affect settlers?”

STUDENT

TEACHER

5. Your teacher gives the question, “Which material best insulates an ice cube?”

STUDENT

TEACHER

6. Your teacher asks, “What claim does the author make in this editorial?”

STUDENT

TEACHER

7. You decide to ask, “What native birds live near my home?”

STUDENT

TEACHER

8. Your teacher assigns, “How does a bill become a state law?”

STUDENT

TEACHER

2

PROVE IT

Explain your thinking

Pick two items from Part 1. For each one, tell how you knew where it belonged.

ITEM # _____ HOW I KNEW _____

ITEM # _____ HOW I KNEW _____

3

MAKE YOUR OWN

One of each

Write one new STUDENT question and one new TEACHER question.

STUDENT _____

TEACHER _____

CHALLENGE

Choose one topic and write two different inquiry questions about it, one you would select yourself and one a teacher might give you.

PART 1 • SORT

#	ITEM	CATEGORY	WHY
1	Your teacher asks, "What causes a solar eclipse?"	TEACHER	The teacher asks the question.
2	You wonder, "Why do some songs get stuck in my head?"	STUDENT	The student wonders about the topic.
3	You choose to ask, "How can I train for a 5K safely?"	STUDENT	The student chooses the question.
4	Your teacher directs you to ask, "How did the Homestead Act affect settlers?"	TEACHER	The teacher directs the question.
5	Your teacher gives the question, "Which material best insulates an ice cube?"	TEACHER	The teacher gives the question.
6	Your teacher asks, "What claim does the author make in this editorial?"	TEACHER	The teacher asks the question.
7	You decide to ask, "What native birds live near my home?"	STUDENT	The student decides to investigate the topic.
8	Your teacher assigns, "How does a bill become a state law?"	TEACHER	The teacher assigns the question.

PART 2 • PROVE IT

Accept any explanation that names the deciding feature from the rule box for the chosen item.

PART 3 • MAKE YOUR OWN (SAMPLE ANSWERS)

- **STUDENT:** "How do video game designers make a tutorial clear?"
- **TEACHER:** "My teacher asks, 'What patterns appear in the class recycling data?'"

Challenge: Topic: school lunch waste. STUDENT: "Which school lunch choices create the least waste?"
TEACHER: "Which school lunch choices create the least waste, and what evidence supports your answer?"

Accept any explanation that names the deciding feature from the rule box for the chosen item. Items 1, 4, 5, 6, and 8 are TEACHER. Items 2, 3, and 7 are STUDENT. For Part 2, students should identify wording that shows whether the teacher or student chose the question.