

Part A

CC Weekly Practice English

Unit - Outside Jobs among U.S. Public School Teachers

In the 2017–18 school year, 18 percent of public-school teachers supplemented their base salary with a job outside the school system.

The percentage of teachers with such jobs varied by main teaching assignment. Arts or music teachers had the highest rate of taking on supplemental outside jobs at 31 percent, and early childhood or general elementary teachers had the lowest at 12 percent.

Across all public-school teachers with supplemental outside jobs during the 2017–18 school year, the average amount earned in an outside job was \$5,800.

The additional amounts earned varied by main teaching assignment. Career or technical education teachers (\$9,200) and health education teachers (\$7,000) both earned more than the average amount. Teachers in English/ language arts (\$5,100) or in early childhood or general elementary education (\$4,700) earned less than the average amount in their outside jobs.

Teachers who reported working during the school year in a second job outside the school system were asked if the jobs were for teaching or tutoring, non-teaching but related to the teaching field, or other. Twenty-five percent reported that their outside job was teaching or tutoring related. Twenty percent reported it was non-teaching but related to the teaching field, and 55 percent indicated it was some other type of job.

Source: <https://nces.ed.gov/pubs2021/2021007/index.asp>

Question 1

Based on the information given in the excerpt above, which teacher was least likely to have a second job?

- A. A Class 6 mathematics teacher
- B. A dance instructor in a school
- C. A teacher who taught welding
- D. A kindergarten teacher

Question 2

The excerpt says: “18% of full-time US public school teachers supplemented their base salary with a second job.”

Which of the following words can replace ‘supplemented’ in this sentence without changing its meaning?

- A. enhanced
- B. supported
- C. replaced
- D. sustained

Question 3

As per the given excerpt, career or technical education teachers in the US had the highest additional income while early childhood and general elementary teachers had the lowest. What could be the most plausible reason for this?

- A. Students pursue more classes outside the mainstream in career and technical education than in early childhood and general elementary
- B. The former teachers had advanced teaching certifications while the latter did not have any such certifications
- C. The former's teaching was seen as more advanced while the latter were seen as teaching basics
- D. Career and technical education class sizes are larger when compared to early childhood and general elementary class sizes

Question 4

Which of the following best describes the tone of the given article?

- A. Persuasive
- B. Neutral
- C. Concerned
- D. Political

Question 5

What would be the best way to write the last paragraph concisely without changing the meaning or tone?

- A. While twenty-five percent reported their second job to be teaching or tutoring related, twenty percent said it was non-teaching but in a related field such as content development, assessment development and so on, and fifty-five percent reported it to be in a different field.
- B. What is particularly concerning is that only twenty-five percent of the second jobs are in teaching, while another twenty percent are related to teaching and the remaining fifty-five percent are in a completely different field.
- C. Majority (i.e. fifty-five percent) of those pursuing a second job work in a different field, not related to teaching.
- D. When asked about the nature of the second job, twenty-five percent reported that it was teaching or tutoring related, twenty percent reported that it was non-teaching but related to the teaching field and fifty-five percent reported that it was a job in a different field.

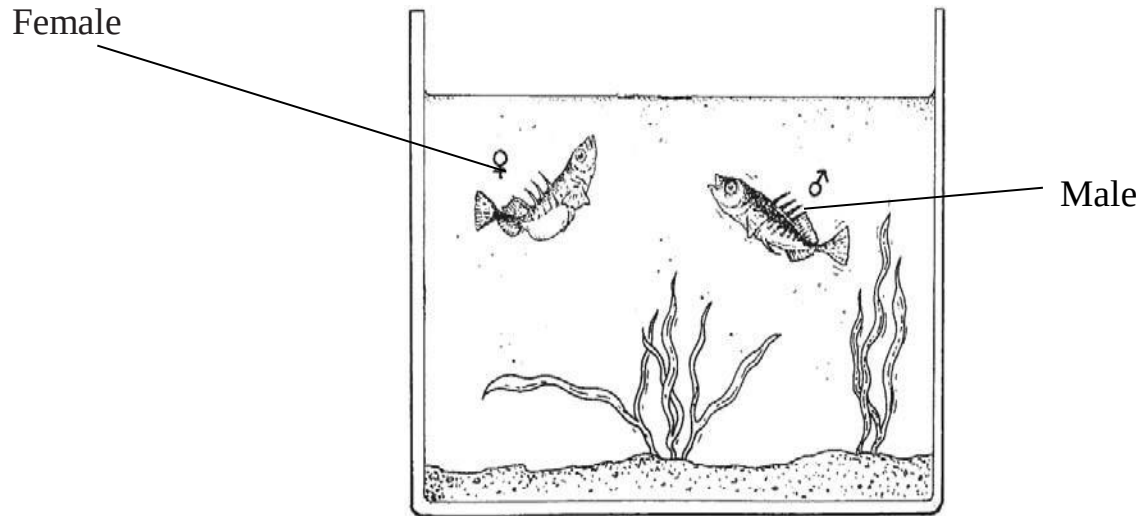
Source of questions:

Centre for Teacher Accreditation (CENTA®) – m.centa.org

Part B

STICKLEBACK BEHAVIOUR

The stickleback is a fish that is easy to keep in an aquarium.



During the breeding season the male stickleback's belly turns from silver-coloured to red.

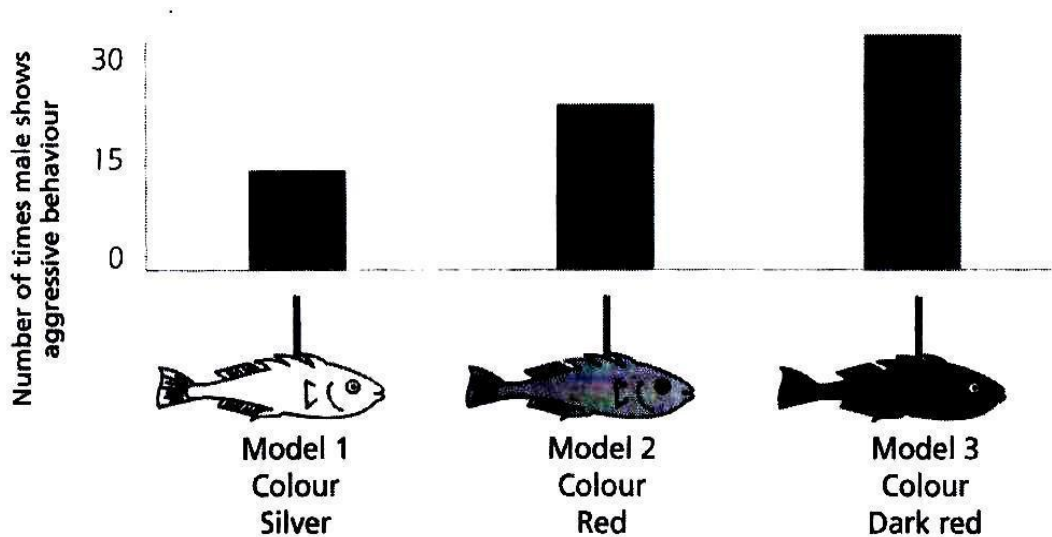
The male stickleback will attack any competing male that comes into his territory, and try to chase it away.

If a silver-coloured female approaches, he will try to guide her to his nest so she will lay her eggs there.

In an experiment a student wants to investigate what will make the male stickleback show aggressive behavior.

A male stickleback is alone in the student's aquarium. The student has made three wax models attached to pieces of wire. He hangs them separately in the aquarium for the same amount of time. Then the student counts the number of times the male stickleback reacts aggressively by pushing against the wax figure.

The results of this experiment are shown below.



Question 11: What is (are) the possible hypothesis(es) that this experiment is attempting to verify.

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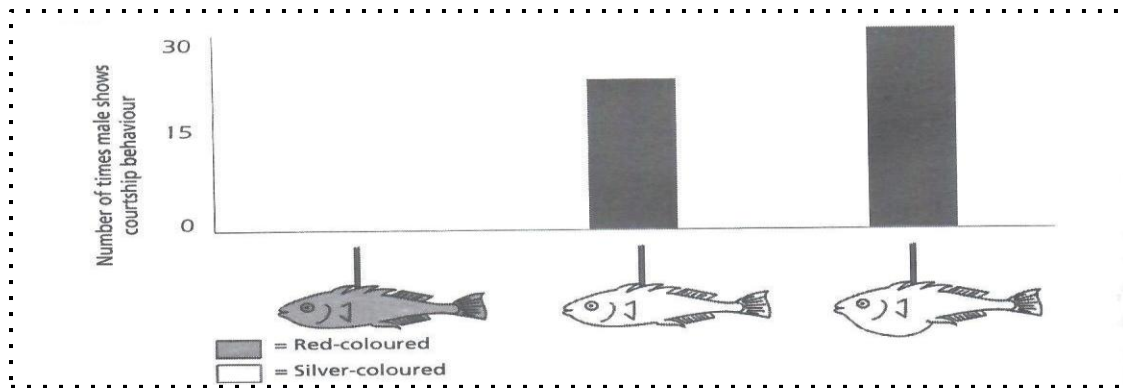
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Question 12: During breeding time, if the male stickleback sees a female he will try to attract the female with courtship behavior that looks like a little dance. In a second experiment, this courtship behavior is investigated.

Again, three wax models on a piece of wire are used. One is red-coloured; two are silver-coloured with one having a flat belly and the other a round belly. The student counts the number of times (in a given amount of time) that the male stickleback reacts to each model by showing courtship behavior.

The results of this experiment are shown below.



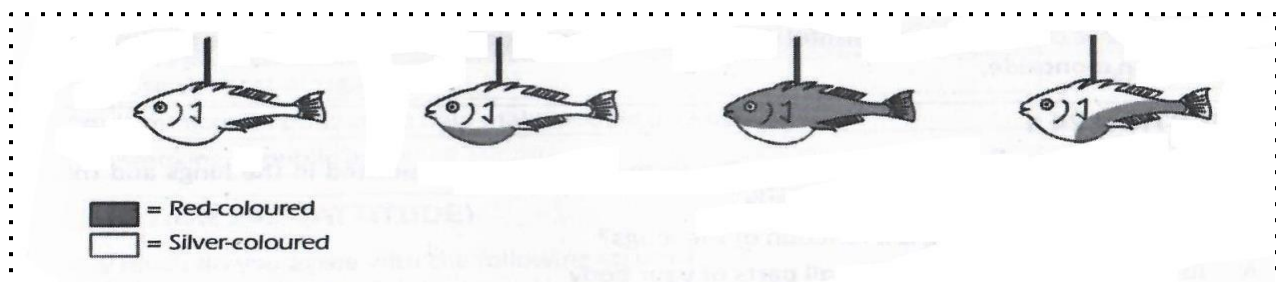
Three students each draw a conclusion based on the results of this second experiment.

Are their conclusions correct according to the information given in the graph? Circle “Yes” or “No” for each conclusion.

Is this conclusion correct according to the information in the graph?	Yes or No?
The red colour causes courtship behaviour by the male stickleback.	Yes / No
A flat-bellied female stickleback causes most courtship behaviour from a stickleback male.	Yes / No
The male stickleback shows courtship behaviour more often to a round-bellied female than to a flat-bellied female.	Yes / No

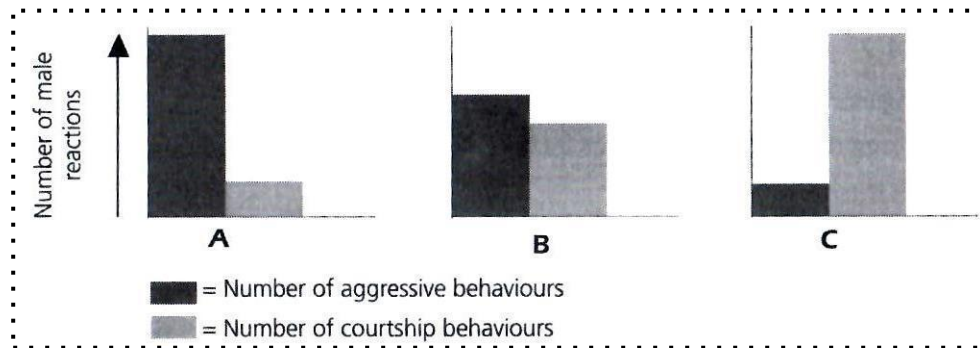
Question 13: Experiments have shown that male sticklebacks react with aggressive behavior to models with a red *belly* and with courtship behaviour to models with silver *belly*.

In a third experiment, the following four models were used in turn:



The three diagram below show possible reactions of a male stickleback to each of the above models.

Which one of these reactions would you predict for each of the four models?



Fill in either A, B or C as the result for each model.

	Reaction
Model 1	
Model 2	
Model 3	
Model 4	

Part A

CCT Weekly Practice English

Answers

1. Option D: The early childhood and general elementary teachers made up the least number among those who took up a second job.
2. Option B: This is the closest in meaning to the word 'supplemented' in the context of the sentence.
3. Option A: Since the comparison is about earnings outside the mainstream school system, this is the most plausible reason among the four options. This also aligns well with a general understanding of extra classes attended by students.
4. Option B: The article states a set of facts without any specific opinion, therefore maintaining a neutral tone.
5. Option D: This option captures the entire information and does not change the tone; only makes the sentences shorter.

Source of questions:

Centre for Teacher Accreditation (CENTA[®]) – m.centa.org

The solution for Part B is explained in Video Solution.