



BLOOMING

Inclusion and Diversity in STEAM

Reflection Questions

1. When does the resonance phenomenon happen?

- a) It happens when the amplitude of the force is very high.
- b) It happens when the frequency of the force and the system are very different.
- c) It happens when the frequency of the force and the system are very close.
- d) It happens when the system is very flexible.

Answer: c) It happens when the frequency of the force and the system are very close.

2. What is one of the main challenges in integrating a deep knowledge of math into Structural design?

- a) Creativity and technology improvement.
- b) No challenge.
- c) Technology improvement.
- d) They are totally separated.

Answer: a) Creativity and technology improvement.

3. How can virtual experiments help safety?

- a) By predicting different scenarios.
- b) By increasing the cost of structural design.
- c) By improve dynamic test.
- d) By assessing the distance between math and structural design.



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Answer: a) By predicting different scenarios.



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