

Name:

Date:

Class:

Pre/Post Assessment

1. What is non-destructive evaluation (NDE)?

2. Why is it important to detect hidden flaws in materials without causing damage?

3. What features of sound differentiate materials with and without structural flaws?

4. What external factors can affect the accuracy of sound analysis?

5. How can the use of digital tools such as Python programs enhance the analysis of tap sounds compared to human hearing?