

Refractive Index Application Research Questions

Work together as a team to conduct this research to complete by the end of the class period.

Instructions

- A. On a piece of paper, write down the group member names, class period and today's date.
- B. Conduct Internet research on **one** important use of knowing the refractive index of a material and its real-world science or engineering application.
- C. Based on your research, answer the questions below:
 1. Where or how can you apply refractive index in science and technology? Describe **one** application.
 2. What types or kinds of scientists or engineers use the application that you are researching? (Examples: physicist, chemist, biologist, biochemist, chemical engineer, optical engineer, civil engineer, mechanical engineer, etc.)
 3. Is the application used in any currently available devices or technology? What are those devices or technologies? Explain.
 4. Describe how the refractive index is used in the application, device or technology.
 5. If you were a scientist or engineer, how might you use refractive index in your work or life?