



**Chesapeake Section of the
American Association of Physics Teachers
Fall 2021 Virtual Meeting**

Contribution ID: 6

Type: **Talk**

The WISE Stragey for Problem Solving

Saturday, October 23, 2021 2:45 PM (15 minutes)

Physics students benefit from a structured problem solving strategy. In order to be successful, it should be explicitly taught, practiced on the board and in small groups, and required on homework and tests. The strategy involves the following four steps: What's Happening, Isolate the Unknown, Substitution, Evaluation. This problem solving approach increases accuracy, improves communication, and promotes organization.

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Session Classification: Afternoon Session 2