

What Support Do New Physics Teachers Ask For?

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Physics Teaching Web Advisory PATHWAY

- A new type of digital library for physics teaching
- Combining
 - CMU digital video library technology
 - KSU Physics Education expertise
 - Materials contributed by teachers
- Offering continuously improving web-based assistance and expertise for teachers of all levels

www.physicspathway.org



PATHWAY Components

- Synthetic Interviews
- Digital Video Data Base
- Connections to
 - National Science Education Standards
 - Research in Physics Education
 - Helpful Web sites

www.physicspathway.org



A Synthetic Interview



Question:

Ask

www.physicspathway.org



Who is asking questions?

- Pre- and In-service teachers
- Meeting attendees
- Workshop participants
- Others
 - Project staff
 - Testers
 - Random people?

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What are they asking? n=2498 questions

- 70% pedagogical
- 12% content
- 8.0% single word or concept
- 6.3% miscellaneous
- 2.0% demonstrations
- 1.4% activities
- 0.2% assessment

www.physicspathway.org



We would like your help

- Suggest questions to ask the experienced teachers
- Try the system
 - www.physicspathway.org
- Give us feedback

www.physicspathway.org



Questions or Comments?

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THANK YOU!

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