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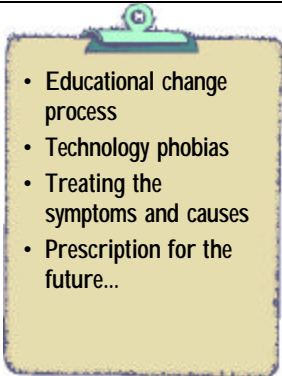
Is There a Doctor in the House?
Diagnosing and Treating
Technology Phobias in Your School



Presented by
Kathy Schrock, MD*



*Master of her Domain




- Educational change process
- Technology phobias
- Treating the symptoms and causes
- Prescription for the future...

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Fullan and *Change Forces*

Simultaneously pushing for change while allowing self-learning to unfold...



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The oft-asked question...



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Bailey and Ross.

Diagnosing Phobias.

What illnesses do people suffer from when it comes to using technology as a major tool of school restructuring or school transformation?

How should the symptoms and causes of these illnesses be treated?



Phobia 1: **Misoneism**



Misoneism is the dislike and fear of change.

- **Treatment of symptoms**
 - Use patience in dealing with staff members
 - Introduce change in small doses
- **Treatment of causes**
 - Provide staff with ideas on new teaching methods
 - Talk about change and its frightening aspects

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Phobia 2: **Computerphobia**



Computerphobia is the fear of computers.

- **Treatment of symptoms**
 - Provide examples of computer use in everyday life
 - Provide information in novel ways using computers
- **Treatment of causes**
 - Introduce computers gradually
 - Maneuver by providing digital-only data

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Phobia 3: **Technophobia**



Technophobia is the fear of technology.

- **Treatment of symptoms**
 - Ensure there is help available for adopters
 - Reward and support risk-takers
- **Treatment of causes**
 - Provide opportunities to view successes
 - Model the successful use of technology

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Phobia 4: **Agoraphobia**



Agoraphobia is the fear of open space.

- **Treatment of symptoms**
 - Talk about the global nature of technology
 - Remind teachers that they can be “explorers”
- **Treatment of causes**
 - Provide information literacy skills training
 - Provide staff development in teaching and learning strategies

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Phobia 5: **Xenophobia**



Xenophobia is the fear of strangers.

- **Treatment of symptoms**
 - Provide teachers with tools
 - Remind teachers they are pedagogy specialist
- **Treatment of causes**
 - Use mandated programs as ways to get teachers comfortable and involved
 - Allow teachers to develop business relationships

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Phobia 6: **Periphobia**



Periphobia is the fear of low places.

- **Treatment of symptoms**
 - Provide training activities in presenting info
 - Reward those who take risks
- **Treatment of causes**
 - Develop and refine staff communication skills
 - Help teachers understand true collaboration

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“Patient” concerns

Education World: *Same Time, This Year*



- Technical support
- Professional development
- Lack of motivation
- Lack of time

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Lack of Technical Support



- State mandates
 - 1 maintenance person per 100 computers
 - Instructional technology specialists
- Desktop locks
- Thin clients (<http://www.thinknic.com/>)
- Online support in real time

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Lack of Professional Development



- Online virtual spaces
 - TappedIn <http://www.tappedin.org/>
- Online tutorials
 - Teach for Tomorrow <http://tft.merit.edu/>
- Online courses
 - Blackboard <http://www.blackboard.com/>

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Lack of Motivation



- Why use technology?
- Do mandates work?
- Target only cheerleaders?
- If you build it, will they come?

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Lack of Time



- to learn to use the applications
- to practice and to talk to other teachers
- to figure out how to integrate technology
- to think with their peers and colleagues

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Prescription for the Future



- Target the ISTE Technology Foundations
- Conduct a full technology assessment
- Professional development in needed areas
- Develop a K-12 info and tech skills curriculum
- Showcase successful practices
- Relate teaching, learning, and technology

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Technology Needs Assessment



SSETNA
Statewide Systemic Student Evaluation and Needs Assessment

GENERAL INFORMATION

SCHOOL INFORMATION

TECHNOLOGY USE

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Preventive Medicine



- How and where does this idea work?
- Do we have evidence from other classrooms that this change will promote learning?
- How does it fit with our knowledge and experience of what engages students, encourages them to surmount difficulties, and spurs them to continue learning?
- What do we do now that we need to change?

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Scherer, Marge. (2000). "How do we make lasting improvements?" *Educational Leadership*. 57 (7), p 5.



Starr, Linda. (2001). "Same time this year?" *Education World*.
http://www.educationworld.com/a_tech/tech075.shtml



ISTE Educational Technology Foundations

<http://cnets.iste.org/teachstand.html>

Doug Johnson's Code77 Rubrics

<http://www.doug-johnson.com/dougwri/Rubbeg.HTM>

<http://www.doug-johnson.com/dougwri/Rubadv.HTM>

<http://www.doug-johnson.com/dougwri/Rubint.htm>

Staff Technology Needs Assessment

<http://chadwick-k12.com/ssetna/>

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The Phobia List

<http://phobialist.com/>



The End

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