

# 21st Century Technology in 21st Century Education – The Challenges and Opportunities



The **ActivClassroom** by PROMETHEAN

# IT in Schools



*"We'll ensure the exploding use of LAN switching at Layer 2 (the data link layer) to increase performance and provide more bandwidth to meet new data networking applications deployed in the classrooms. This will let us increase throughput for workgroups and local servers. **The teachers will be so happy!**"*

# Digital World

Social networking

Gaming

Personal data assistants



The screenshot shows the YouTube interface for a video titled "me singing the river lullaby". The video player shows a young woman with long hair singing. The video has 57 ratings (indicated by five stars) and 13,653 views. The interface includes navigation tabs for Home, Videos, Channels, and Community, a search bar, and sharing options for Favourite, Share, Playlists, and Flag. The video progress bar shows 0:02 / 1:28.

# PRESSURE



Lack of time  
Lack of resources  
Lack of support  
Lack of training

*Stress = Negative emotional response = Rejection/suspicion*

School IT



Digital World



Teaching



# Digital Natives



Tools and strategies to critically navigate cyberspace  
Educational tools that interface with the Digital World

"The lake district is especially popular  
with tourists during the busy summer months.

If you want to book your cottage online click  
on the link below."

# IT in Schools



Training  
Support  
Simplicity  
Education-led



## Teachers



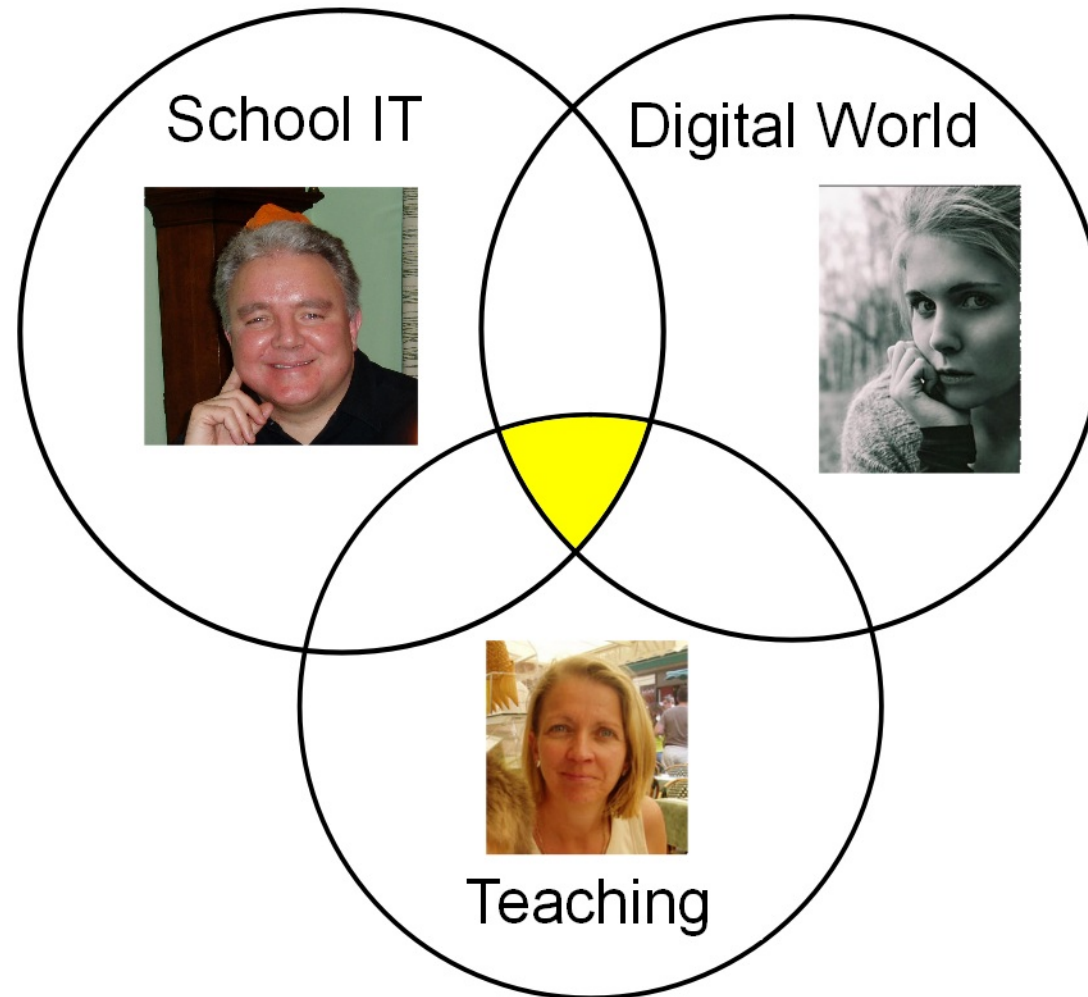
### The Judith Test

"Is it easy?"

Will it stop working in class?

Will it waste my time?"

# The Challenges and Opportunities



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**Thank you**