

Mixed artefacts as mediators for collaborative learning

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e-Learning Lab
Center for User Driven Innovation, Learning and Design

Starting point: View on Learning

- Roots in danish schooling – dialogue and interaction (Grundtvig)

In **Grundtvig's** educational philosophy conversation and interaction are key categories, he emphasizes the importance of interaction, (teacher and pupil and between hand and mouth) Connection between the **grip and grasp**, between **body and language**, **between hand and mouth**.



Language, conceptualization and recognition

- Besides being a means of communication language plays an important role for **conceptualization and recognition**
- Social learning theory (Vygotsky Lave & Wenger)
- Experimental learning (Dewey, Kolb), dialogue and interaction
- Learning as a continuing reconstruction of experience, where man is in constant interaction with the outside world, and regulates its activities in relation to the responses it receives

Vygotsky

Dewey og Mead

"We come in to the world moving, we
are precisely not still born..."

Maxine Sheets Johnstone

The Body in Learning

- Based on an understanding of how humans **create meaning** through **bodily and conceptual practices** in the world.
- Roots **in phenomenological philosophy** and cognition theory.
- a. o. we build on Dourish' concept ***of Embodied Interaction*** (Dourish, 2004) which is an analytic approach to describe how we create meaning in the world through our embodied practice in it.

Grip and Grasp

We must know the world before we can recognize it.

We must be able to grip before we can grasp (comprehend).

We understand when we express ourselves.

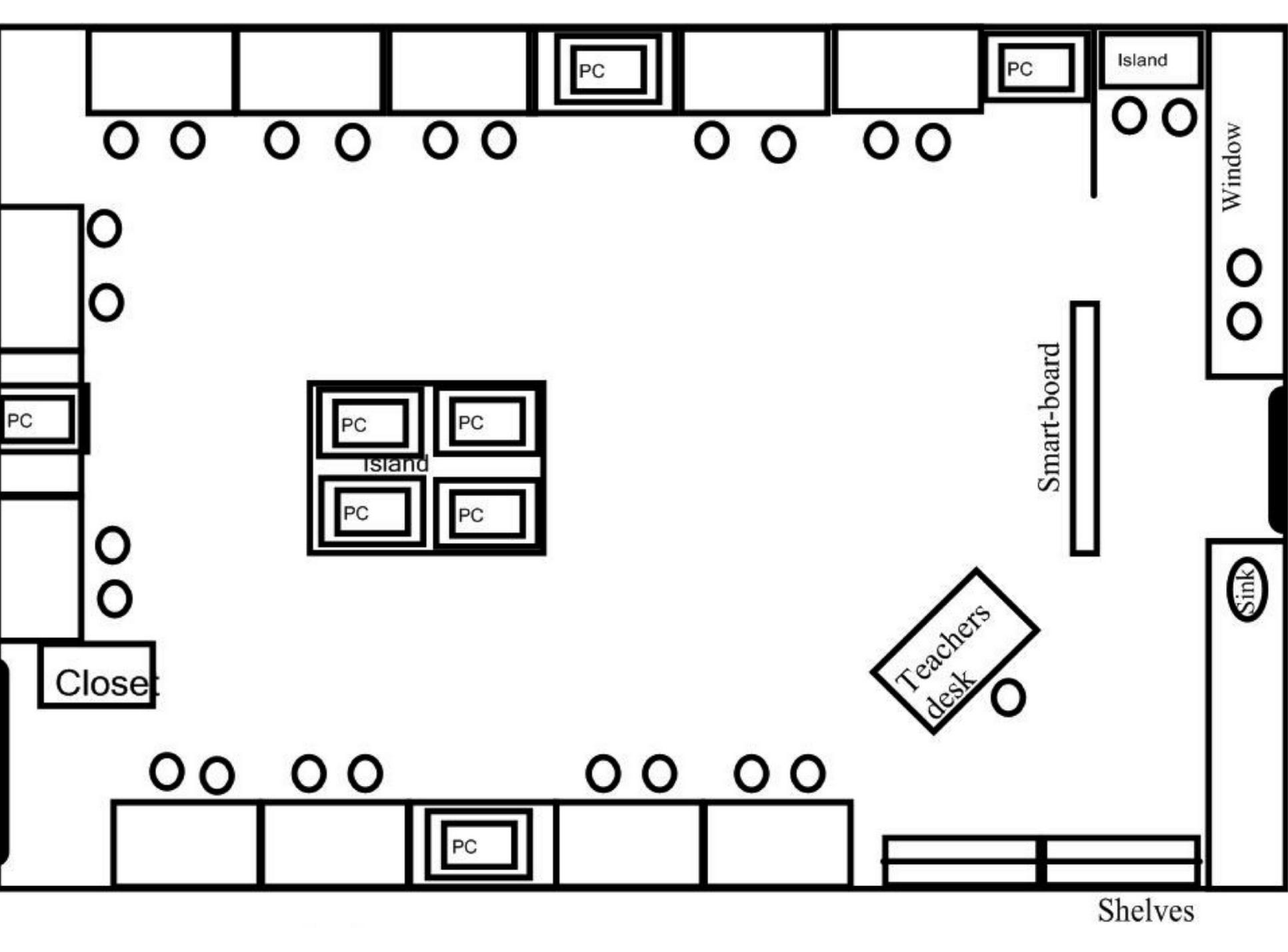
When we express ourselves of the world, the world becomes ours

(Brostrøm, 1998, s. 13).







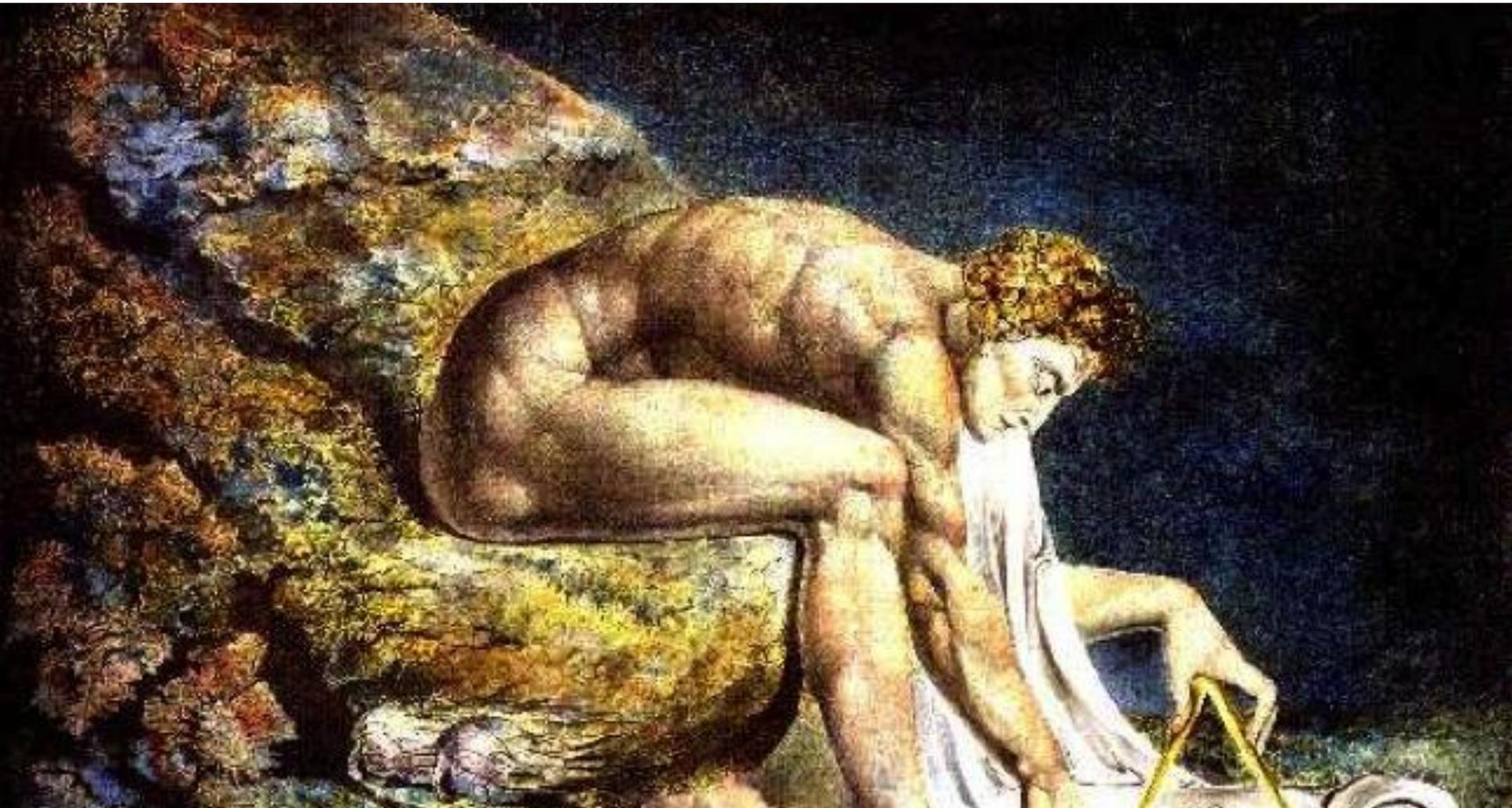




But **are** the settings dedicated to **teaching at universities consistent** with our pedagogical view on learning?

Confronting two forms of being in the world: the experiential and the analytic

(Blake: Newton)



AAU

PBL- Case Based - Experimental learning

Emphasis on **doing** and **discovering**, we seek to lay the foundation for **learning-by-doing** and **learning-to-reflect-in-and-on-action** and **reconstruction** through kinesthetic feedback by providing a mix of artefacts.

(Vygotsky, Dewey, Kolb)





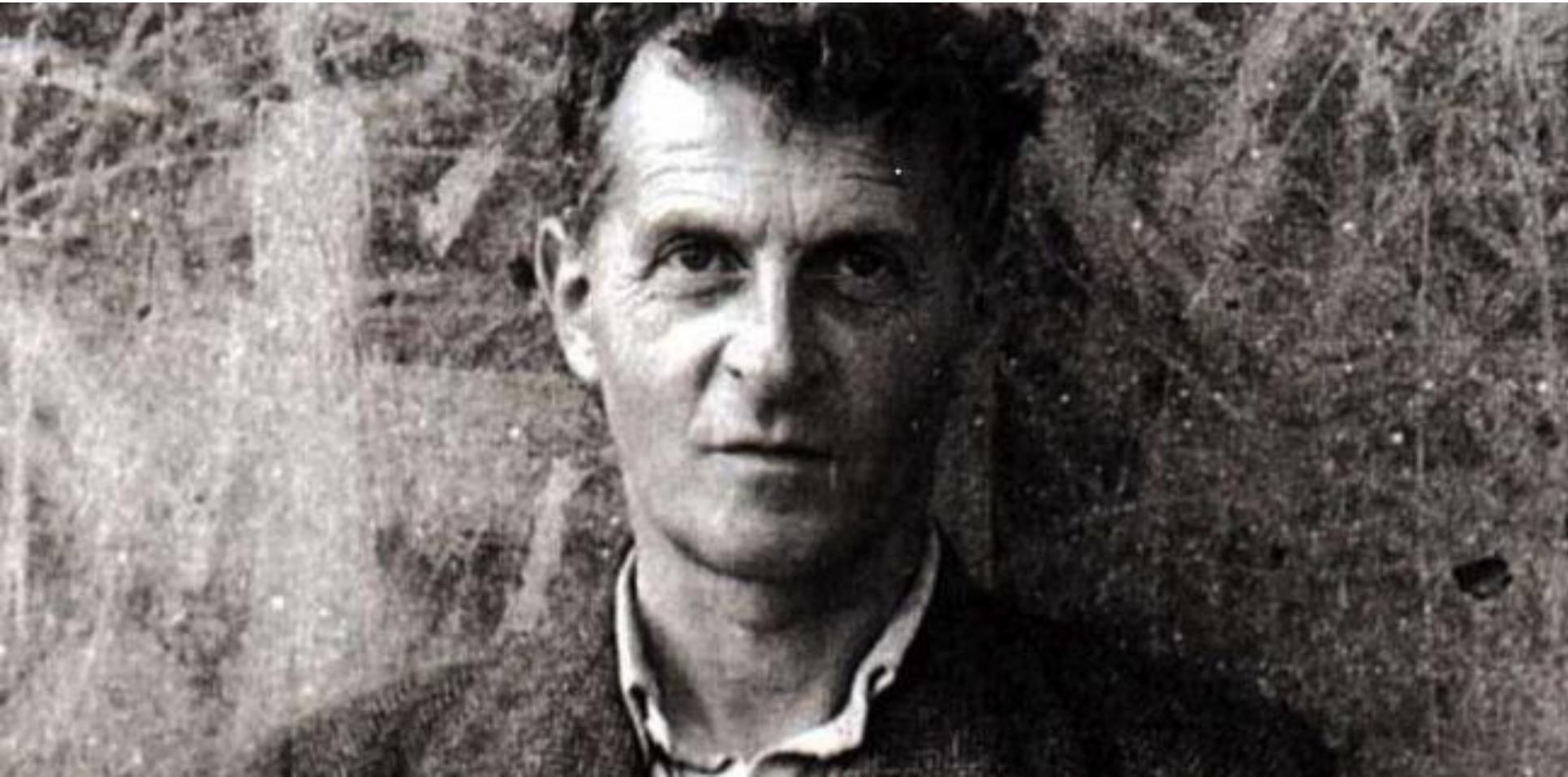
Visions for eLLDesignLab

Teaching through exploring, collaboration
and construction

The lab should provide all three forms of knowledge:

- Knowing that (how many feet high Mont Blanc is)
- Knowing how (how the word "game" is used)
-, and experience (how a clarinet sounds)

Wittgenstein (78): Philosophical Investigations: 78.









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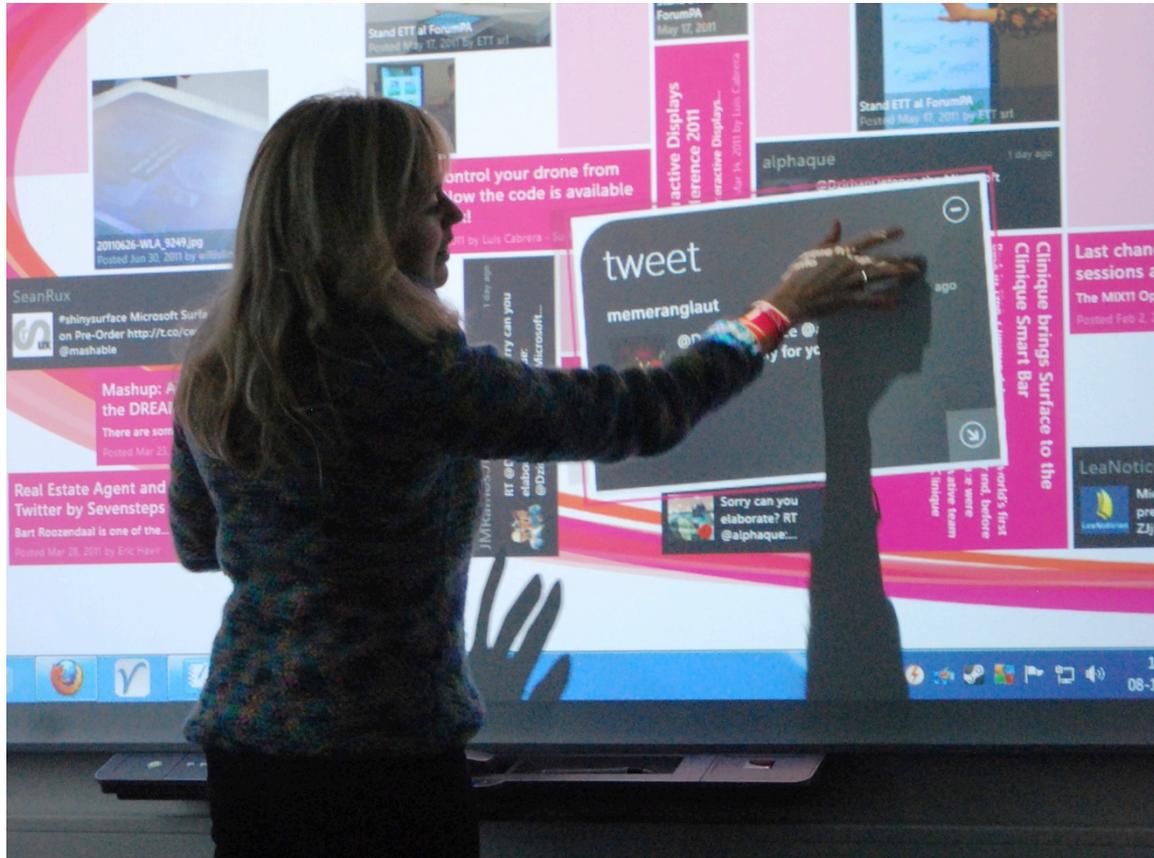


Tangible Tools









Technology



What do you think about Windows Vista?

Some like it, some hate it.. Microsoft's latest OS has certainly polarized the world.

"Anand" says

Apple made a superior OS long back. And it made one that was useful to programmers too.

about 4 years ago

Nitesh says

I think Vista is a wonderful OS. Yes, it is a tad slow, but well, if you are using antiquated hardware, it's unfair to complain that the OS is not working well!

about 4 years ago

Pranav says

well, no one can argue that the Mac just looks beautiful.. have to give it to the apple guys, great job in making that thing look like so gorgeous..

about 4 years ago

"Mac Roxx" says

Forget Vista, use leopard. !! MAC OSX rocks. Great on features and security.

about 4 years ago

"Realist" says

Didn't you read that Leopard got pwned in 2 minutes in the latest hacking challenge between Vista, Ubuntu, and Leopard? Wake up Macboy!



VIEW

about 4 years ago

"Question" says

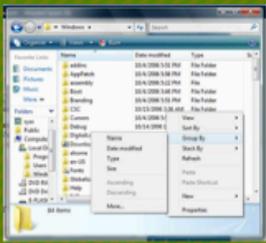
Well, I think Vista was released before it was ready. I'm sure when you have Vista SP2/SP3, it'll be a good OS.

about 4 years ago

Tejas says

You keep hearing things like it looks slick, its really slow, but how many have really used its Windows Explorer? Its productive!

Bottom line: Vista is great.



ZOOM

about 4 years ago

"Anonymous" says

lousy



PLAY

almost 4 years ago

"Jake" says

Vista.. ok la.. i used it for 4 month already, but too slow sumtime. need faster computers for it to work well ! but very easy to use! yo yo

about 4 years ago

Nancy says

The latest OS, Windows 7 is much better

16 days ago

