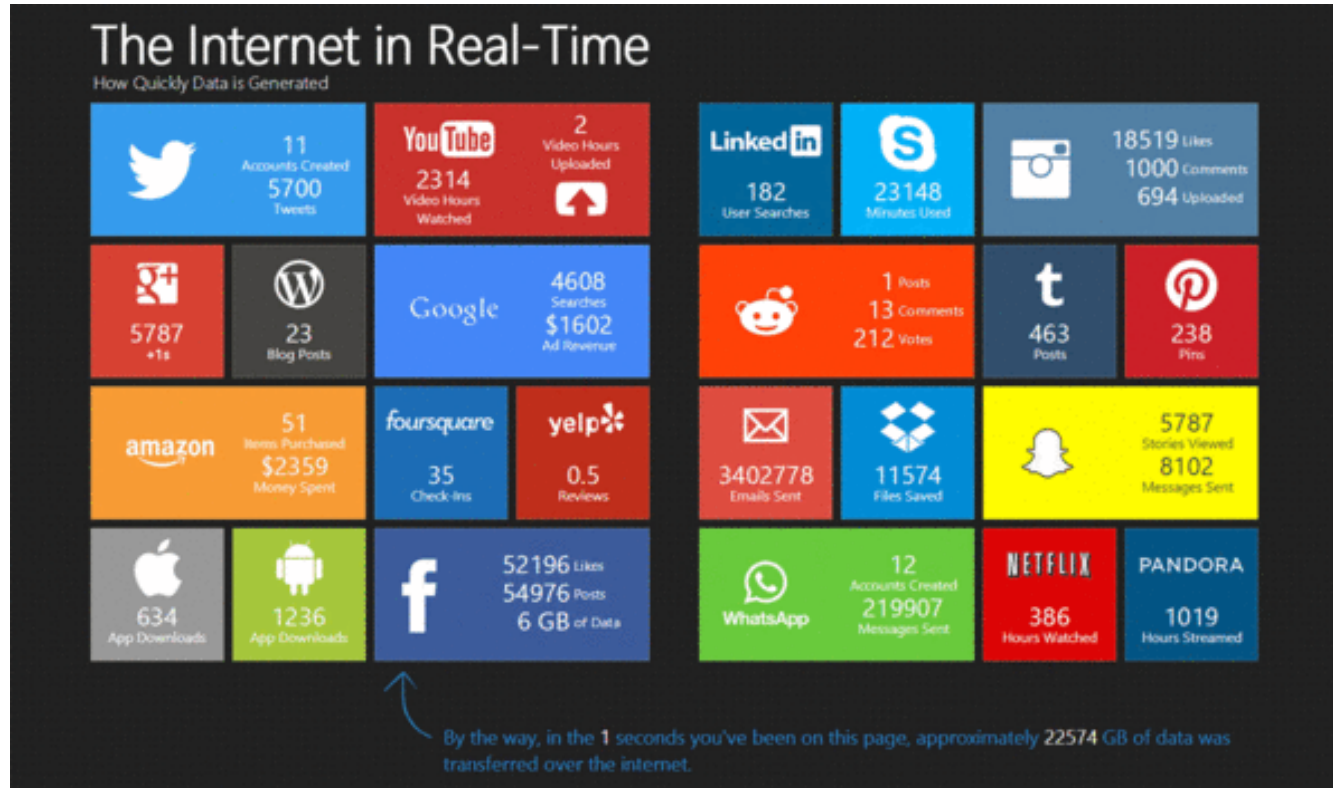
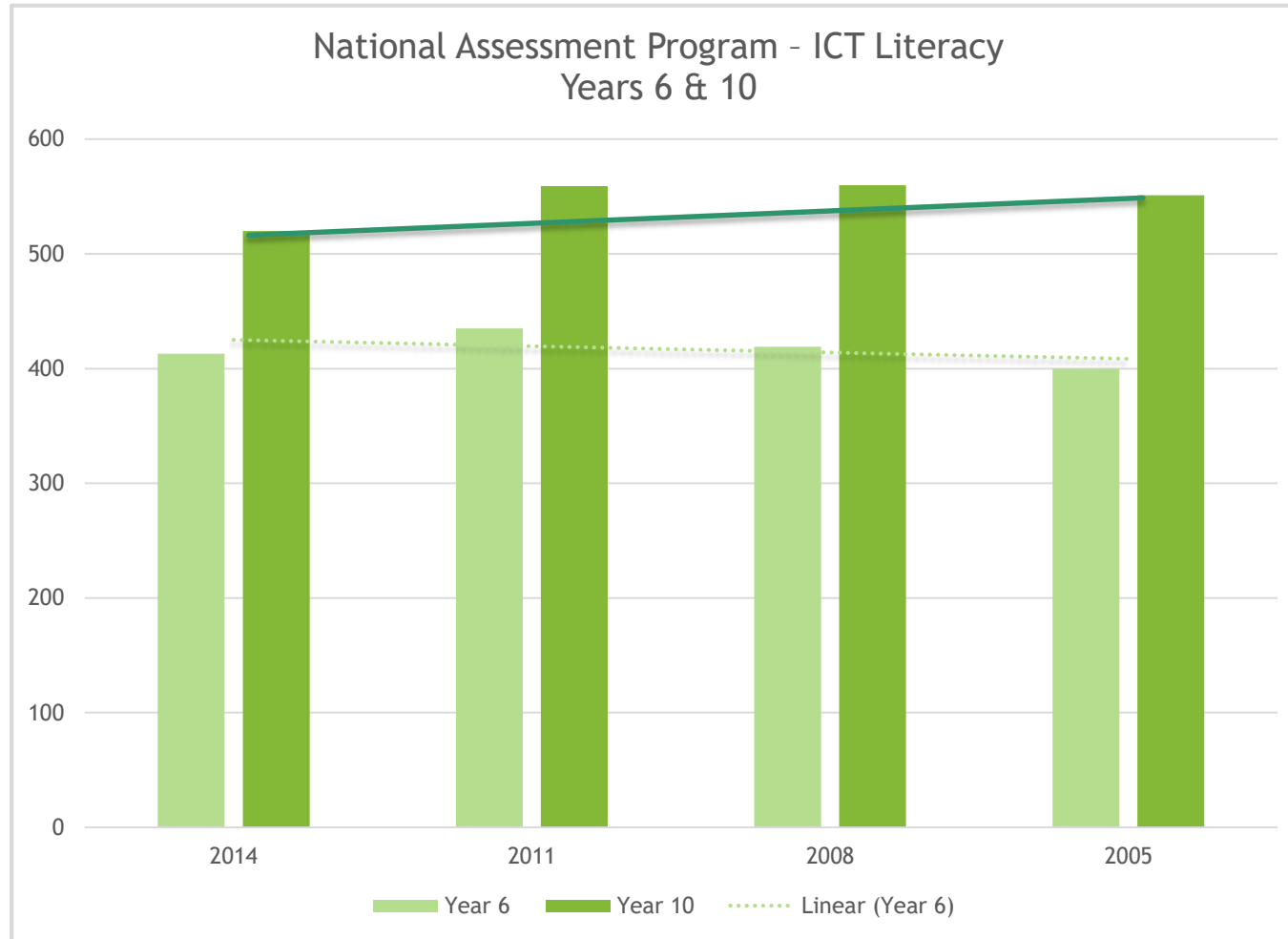


Open-plan Learning Environments & Teachers' Digital Technology Use

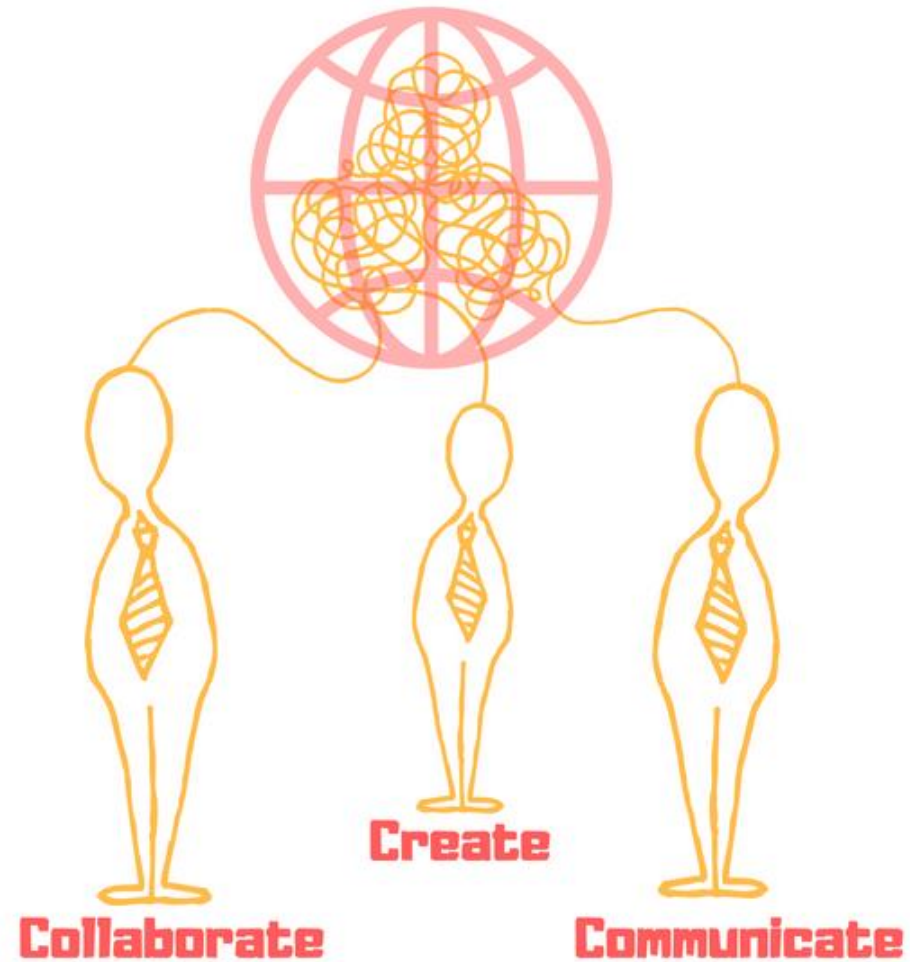


Dr. Joanne Blannin
Digital Learning Leader, Melbourne Graduate School of Education
The University of Melbourne

Declining results, limited embedded, effective technology use continues in Australian school (and around the world)



WEB 2.0



Research Design

Two Interviews (semi-structured)



Five Classroom Observations



A Focus Group @ Each School



What factors influence or underpin teachers' choices when using Web 2.0 technologies in the upper primary school classroom?

Theoretical Underpinnings



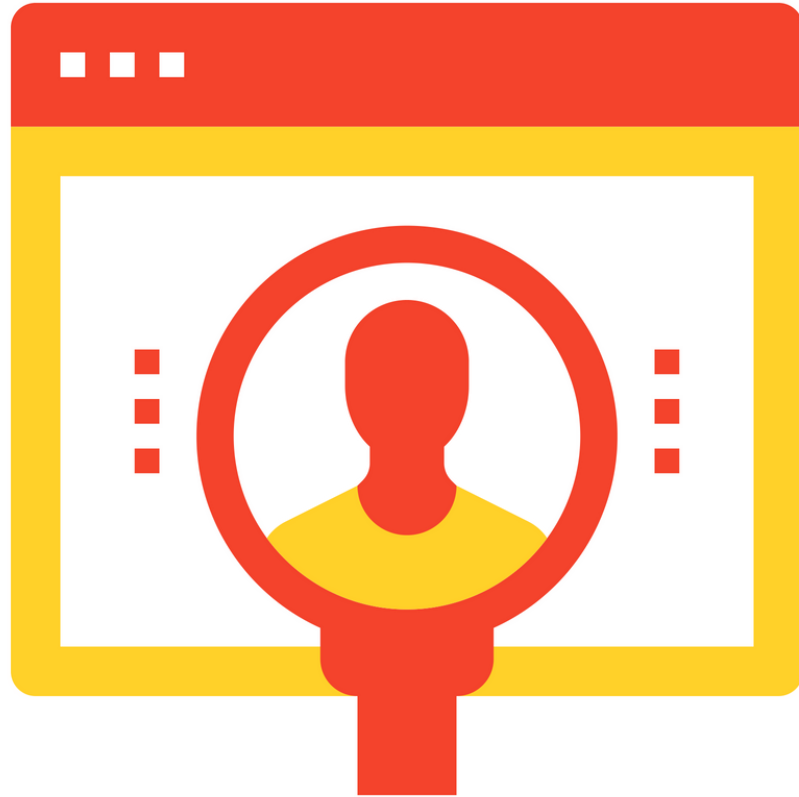
4 Victorian State Schools

9 Teachers in Grades 5 & 6 of Primary School

Nominated by superiors as 'users of Web 2.0'



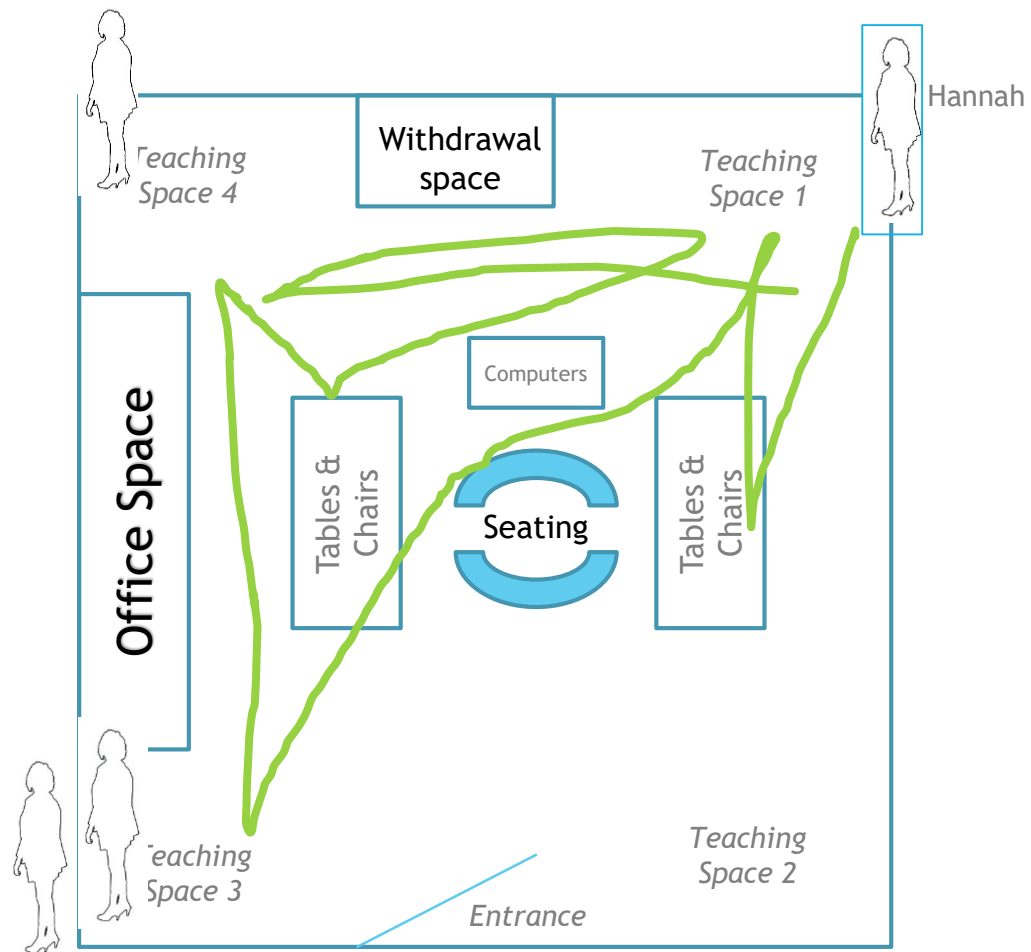
Findings & Discussion



- What did the study tell us?
- What does it mean?

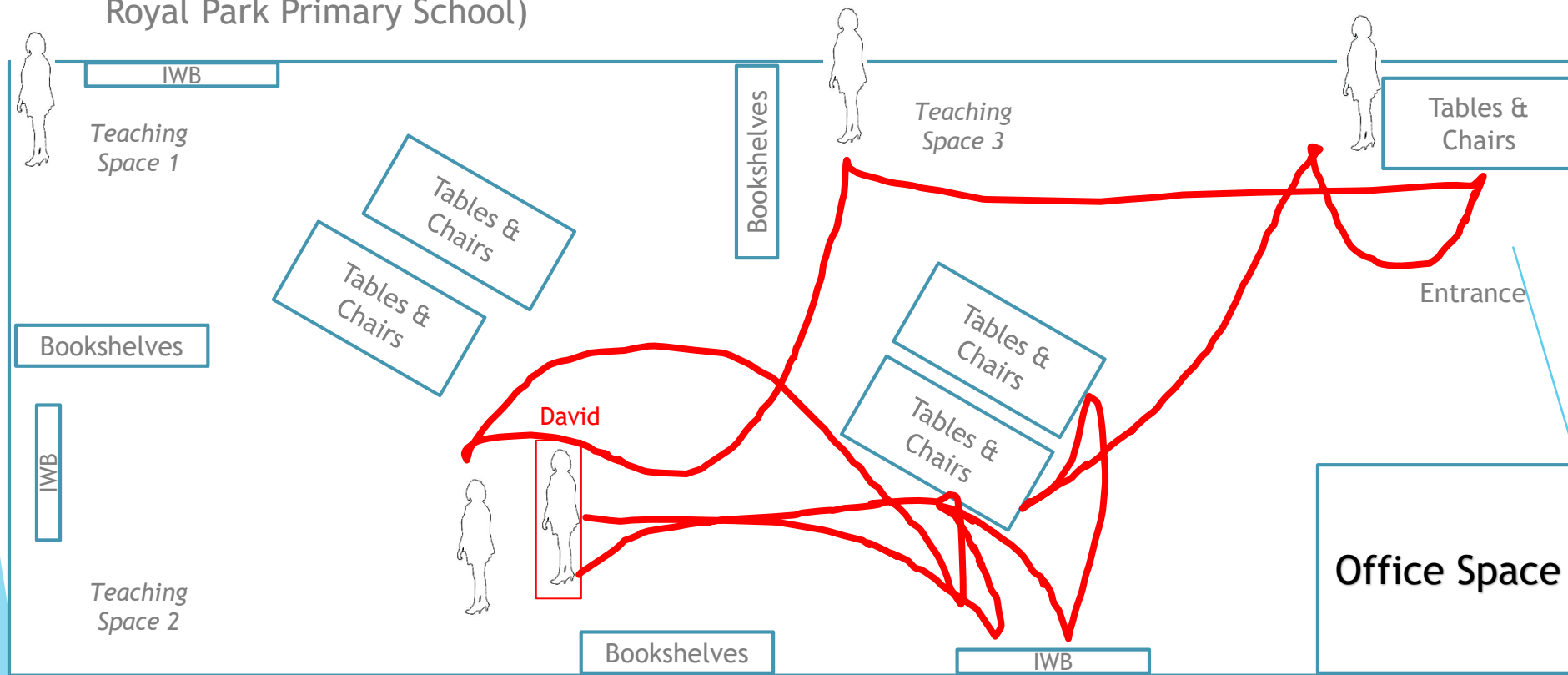
Teachers as Collective Learners

“... it was a matter of wrapping your head around it as a team ...”
(Hannah, Interview 1, Gregstone PS)



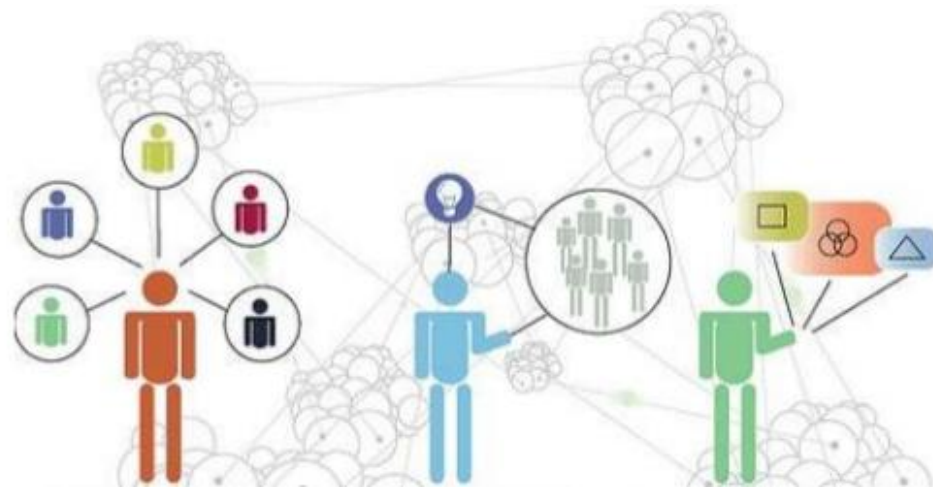
Next Generation Learning Spaces as Professional Learning Hubs

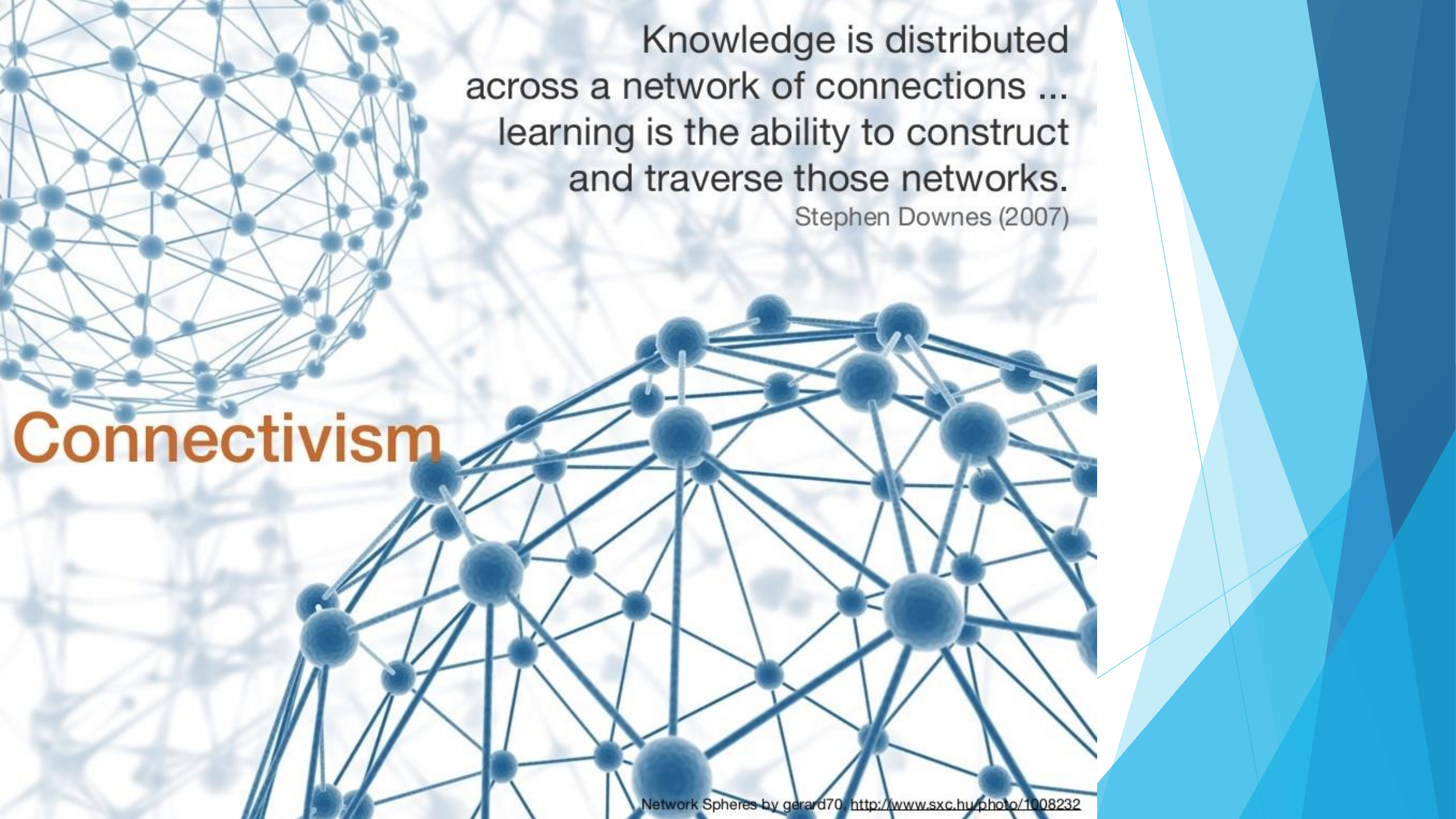
“It’s really good being able to see, especially when we’re actually teaching at the time, just seeing what other people are doing and and going, yeah okay, I could do that in the next lesson...” (David, Royal Park Primary School)



Facilitating Connectivism in Learning Spaces

“We can no longer personally experience and acquire all the learning that we need to act”.



The background features a complex network of blue spheres connected by thin lines, resembling a molecular structure or a data network. The spheres are of varying sizes and are arranged in a dense, interconnected pattern. The overall color scheme is light blue and white, with a darker blue geometric pattern on the right side of the slide.

Knowledge is distributed
across a network of connections ...
learning is the ability to construct
and traverse those networks.

Stephen Downes (2007)

Connectivism

Conclusions...

This study has sought to

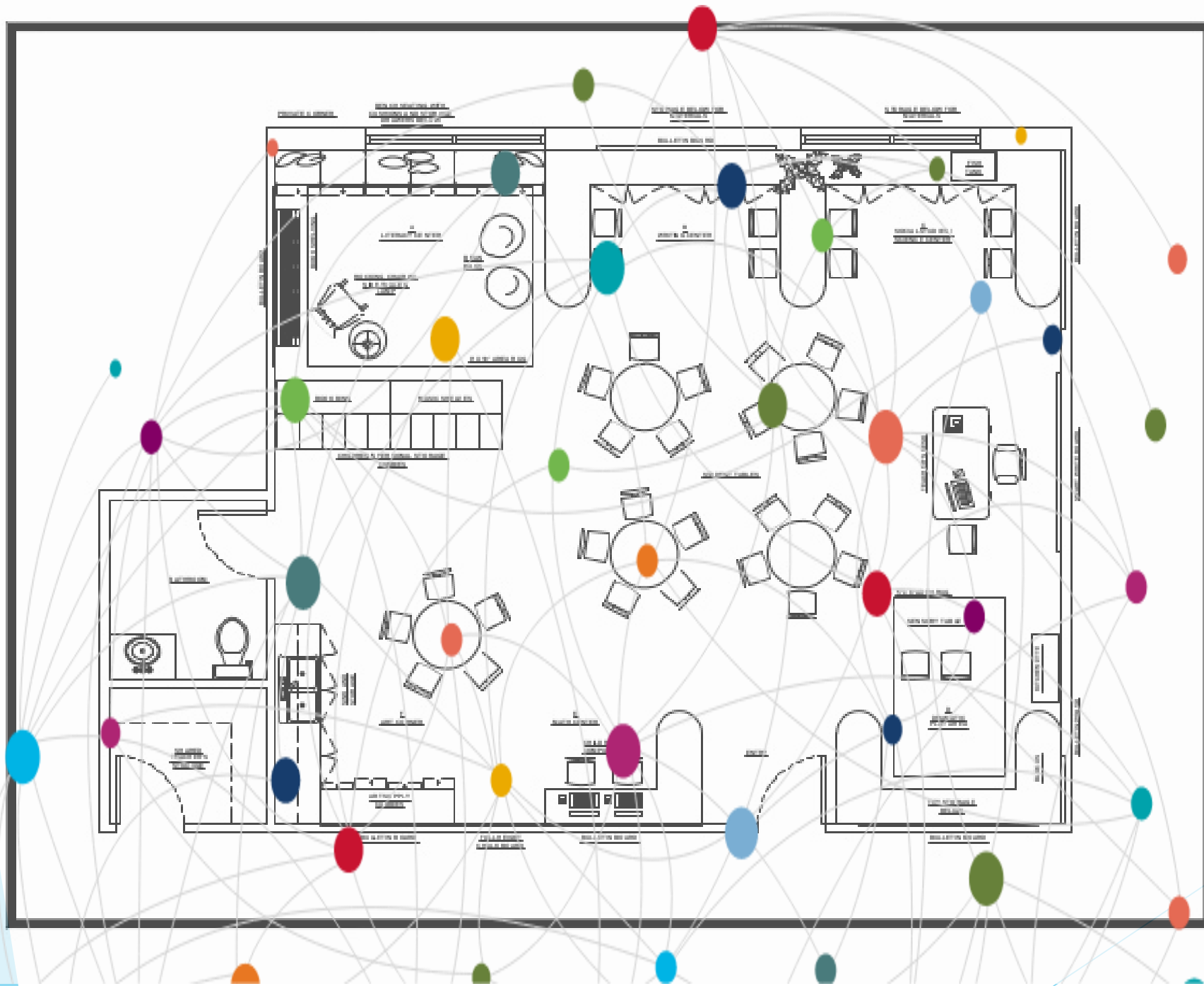
- ▶ understand the ways that teachers exploit the potential of spatial and other resources for their own learning,

So that ...

- ▶ we can better support school leaders and teachers to effectively use Web 2.0 technologies in the classroom.

... the non-traditional, shared teaching spaces teachers worked in for this study ...

... appeared to facilitate collegiate teaching and learning at teachers' points, and times of need.



Future research ...

- ▶ Teaching teams in traditional spaces vs teaching teams in shared learning spaces

“Do traditional, individual classroom spaces impact negatively on teachers’ learning and the use of Web 2.0 technologies?”

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