LEARNING ENVIRONMENTS THAT FOSTER YOUNG PEOPLE’S DATA LITERACY

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The Joy of Learning Multiliteracies
www.monilukutaito.com
DATA LITERACY

• Data literacy is a key subject for engaging young people in science issues and for enabling them to become scientifically literate citizens and consumers of data-based information.

Data literacy is increasingly needed for:
• informed and critical citizenship
• sustainable development
• a growing range of employment generated by the digital economy
OUR WORK

• develops and disseminates innovative approaches to promoting young people’s data literacy skills already early on
• makes use of new technologies, tools and methods (e.g. gamification, ”TinkerTools”)
• enhances young people’s enjoyment and motivation in learning by demonstrating the practical application of data literacy skills in everyday life
• increases teachers’ confidence and capability in designing learning environments that promote young people’s data literacy.
An example:
learning to collect data

What effect carbondioxide has on air temperature?

https://www.youtube.com/watch?v=I Cf5CX2oR9Y
WANT TO KNOW MORE?

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