

Inspiring Teaching practice example

Build your first circuit!

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Title	Build your first circuit!
TET-SAT Area	Digital Content Use and Production
Number and name of the illustrated competence	Question 14. Selection, use and adaption of digital resources
Estimated level for this competence	Capable
Learning outcome(s) associated with it	Building circuits using inquiring methods
Type or name of ICT used	Phet Interactive Simulations
Image or link to the example	https://phet.colorado.edu/el/simulation/circuit-construction-kit-dc-virtual-lab
What you do that meet this level	I use PhET applets at the start of my Physics lesson. I put students into groups of three and I give them a task "Turn the lights on". With this



	<p>applet, i provide a safe environment to exercise with electrical circuits. They have to collaborate inside their teams in order to complete a circuit using basic components. They can try ideas, examine consequences, propose a solution etc. Examples of their work are saved for discussion in our conclusion.</p>
Draft actions to move to the next level	<p>Use a digital environment for collaboration between my students. To keep notes , exchange their thoughts and complete exercises online</p>