



Thinking through Making: CONSTRUIT! for Schools

Steve Russ

University of Warwick

steve.russ@warwick.ac.uk

Erasmus+ Project: CONSTRUIT!

*Making Construals as a new digital skill
for creating open educational resources*

Six European partners 2014 – 2017

www.construit.org



Co-funded by the
Erasmus+ Programme
of the European Union

"The European Commission support for the production of this publication does not constitute endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein."

Construal ... what's that?!

A fancy word for a new idea ...

... a way of making and thinking with computing.

A construal, for us, is a kind of model, but not really mathematical and not really physical ... more like the results of modelling we do in our heads ...

It's an interactive **visualisation** combined with a **script** of definitions, functions and actions ...

Where's it come from ...?

The ideas and tools for making construals have developed over many years from research and teaching at the University of Warwick (Dept of Computer Science) in the Empirical Modelling Research Group.

www.dcs.warwick.ac.uk/modelling

What's it good for?

We think it's good for learning: a new kind of educational resource - emphasising learning and thinking through making [construals].

It's using computing for learning about many subjects (including computing). It includes, but is much broader than, 'computational thinking'.

The CONSTRUIT! Project will deliver an online course, virtual workshops, and lots of evaluation of our bold claims about making construals

Where is it? Can I join in?

A practical place to start is

<http://jseden.dcs.warwick.ac.uk/scifest>

Look at the **Project List** there and click on ...
whatever you like ...

We **need** teachers and pupils as evaluators. If
interested please send email to Steve Russ
(address above) or Meurig Beynon at

wmb@dcs.warwick.ac.uk

We'll send you more details as soon as possible.