**Subject Knowledge Enhancement Core Content**

**Session 4: Additive Reasoning- part 2**

In this session we continue to look at the various structures of addition and subtraction: Comparison and Equalizing. We also consider how using a C.P.A approach, supports children to develop their understanding.

You will need: [Additive Reasoning\Session 3- Additive Reasoning Handout.doc](Session%204-%20Additive%20Reasoning%20Handout.pptx) (please print out and cut up in advance), a group of 5 similar objects that can be stood up eg pencils, dolls etc

Video links: Comparing the combining (aggregation & partition) and change (augmentation & reduction) structures of addition [https://www.ncetm.org.uk/resources/50723. see video](https://www.ncetm.org.uk/resources/50723.%20see%20%20video)

Resource links: Number Talk images <http://ntimages.weebly.com>