



Virtual Manipulatives

A growing list on online resources provided by CKingEducation

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- [Math Learning Center](#): These apps are based on the visual models featured in [Bridges in Mathematics](#). All apps are available in two or more versions: a web app for all modern browsers, and downloadable versions for specific operating systems and devices (such as Apple iOS for iPad). K - 6
- [Visnos](#): At Visnos we believe that mathematical concepts are much easier to understand when shown visually. Our activities provide interactive animated graphics to explain various concepts. Our ITRs can be used effectively for whole class teaching on an interactive whiteboard. For smaller groups, a PC or laptop is equally effective. K - 12
- [National Library of Virtual Manipulatives](#): Is an NSF supported project that began in 1999 to develop a library of uniquely interactive, web-based virtual manipulatives or concept tutorials, mostly in the form of Java applets, for mathematics instruction (K-12 emphasis). K - 12

ADDITIONAL VIRTUAL MANIPULATIVES ONLINE

Site Name	Grade Levels	Features
Dreambox Teacher Tools Direct Link: http://www.dreambox.com/teachertools	K - 8	Multiple grade levels aligned and sorted by standards, good for the whole group, small-group, blended learning, available in Spanish, virtual teacher talks to the viewer

Updating. With Flash not working it we have to find alternatives.

RESEARCH VIRTUAL MANIPULATIVES

[Using Virtual Manipulatives to Teach Math](#) from the Center for Technology and Disability (Reprinted with permission from American Institutes for Research)