

## Orientation

---

**Introduction** This guide gives an overview of Tools4Math to develop an understanding of the tools and how they can be used in the classroom.

---

**Purpose** Tools4Math is very similar to eTools. Tools4Math is the next generation of digital manipulatives.

Tools4Math helps students deepen their understanding of important math concepts as they explore and interact with a variety of digital objects. Teachers can use Tools4Math to model solutions to math problems during whole-class or small-group instruction. Students can use Tools4Math to demonstrate their knowledge, practice math skills, and explore math concepts.

---

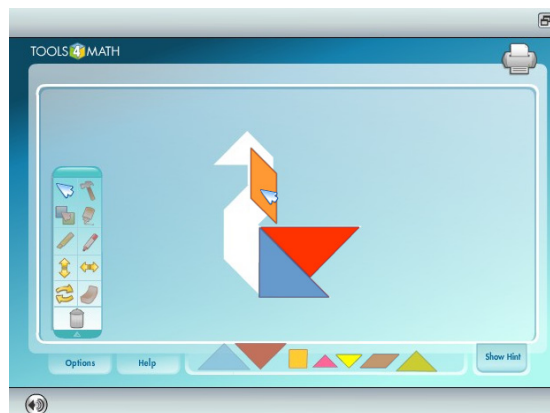
**Location** Tools4Math is located within the enVisionMATH Premium Digital System. The Tools4Math icon appears in every lesson window and is linked within Guided Practice.

---

**Benefits** Students benefit from seeing math ideas portrayed pictorially. Interacting with digital manipulatives also actively engages them in thinking about and solving problems.

Consider how digital manipulatives may have some advantages over physical manipulatives. The Tools4Math digital manipulatives provide quick and easy access to a large number of counters, coins, and shapes.

Students can more easily see how teachers are manipulating objects when Tools4Math is projected onto a screen or interactive whiteboard.



In mere seconds, the teacher can glue items together, break them apart, and arrange them neatly on the workspace.

The digital environment allows the teacher to create unique workspaces where teachers and students can measure time in different formats; count frogs, fish, or round objects; and explore probability outcomes. These are just a few examples of what Tools4Math can do.

---

### Implementation Options

There are a variety of ways to use Tools4Math that suit individual instructional style and meet the needs of students.

With a computer connected to an LCD projector or TV monitor, use Tools4Math during whole-class instruction.

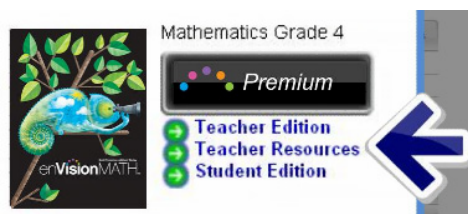
With an interactive whiteboard, provide examples of concepts or model math solutions. Invite students to interact with Tools4Math on the whiteboard to explain their thinking to their classmates.

As another option, the teacher and students can work in a small group. Also, students can work independently with Tools4Math once logged in to Pearson SuccessNet on a computer workstation at school, at a public library, or at home.

---

### Step-By-Step Guide

The Tools4Math Step-By-Step Guide provides lesson examples that describe how to use Tools4Math during instruction. These activities are ideal for classroom lessons, and they can be used as a training activity on how to use the tools.



To access the Step-By-Step Guide, click **Teacher Resources** on the Teacher Center home page. This provides access to the enVisionMATH Resource Center, which houses the Tools4Math Step-By-Step Guide.

---

### Review

This guide discussed the purpose of Tools4Math and explained how to access Tools4Math within the enVisionMATH Premium Digital System. It also discussed the benefits of using digital manipulatives and provided implementation options. Finally, this guide described the Step-By-Step Guide, which outlines activities that can be used during lessons or used to guide teachers through learning more about each tool.

For more information, please watch the Tools4Math tutorials on this Web site.