



# Technology Enhanced Early Math Assessment Series (TE EM)

Galileo® K-12 Online from Assessment Technology Incorporated offers the Technology Enhanced Early Math Assessment Series (TE EM). The computer-presented assessments are aligned to Common Core and local state early elementary (i.e. kindergarten and first grade) math standards. With ATI's TE EM, students are assessed on items aligned to the most up to date standards in a friendly, early elementary environment involving sounds and images. The technology enhanced (TE) items are designed to measure early math skills (e.g. adding and shape recognition) and allow for easy assessment and quick intervention to ensure students are progressing in the development of their mathematical knowledge and skills.

## What is the TE EM?

The TE EM consists of four assessments. The progressively comprehensive assessments are designed to assess the development of early math skills consisting of primary addition and subtraction, counting objects, shape recognition, and introduction to measurement. The assessments can be administered throughout the year. ATI recommends administering the assessments at the beginning of the school year, in late fall, winter, and spring.

The series is administered online via a computer with audio capabilities (sound card and speakers/headphones).

[Play](#) the math item or paste the link into your browser

<http://www.ati-online.com/testnew/audioprototype1/audioprototype1.html>

## Student Engagement

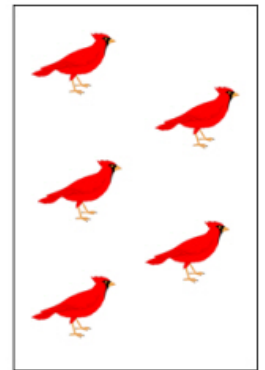
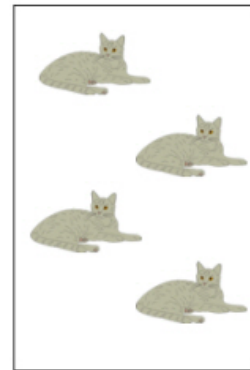
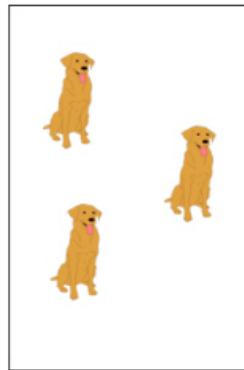
ATI's TE EM computer-presented assessments measure performance on early elementary math standards and engage students with multimedia presentations utilizing sound and interactivity. These assessments can be administered to the entire class in a computer lab or can be assigned to small groups/individuals using classroom computer resources.

## Benefits for Administering TE EM

TE EM streamlines and standardizes the assessment process:

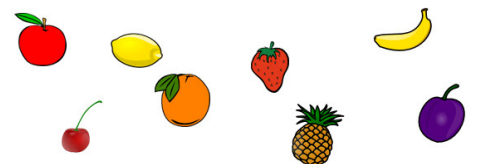
- Administration is streamlined since students can take the computer-presented assessment online as a whole class in a computer lab or as an independent activity with little supervision.
- Input and guidance to students are standardized.
- No additional specialized training is required for teachers.

**Play** Click on the gr \_ \_ \_ \_ .



*TE EM assessments use TE items designed to measure students' early math skills (e.g. adding, counting objects, shape recognition)*

**Play** Click on the number of red pieces of fruit.



0	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	

*Sample first grade math item illustrating multimedia assessments that utilizes sound.*

Contact ATI to learn more about TE EM and to schedule a Galileo Overview.