

## Kinder Connect and First Grade Fundamentals

Kinder Connect (Pre K entering K) and First Grade Fundamentals (K entering Grade 1) Summer Learning Camp is a continuum of education delivery that can be both in-person or delivered in a remote format. Selected summer school teachers will work with families to identify an educational delivery approach that accommodates the families of children in their districts. Screen time should be balanced with learning that occurs offline and encourages authentic and hands on learning experiences. It is developmentally inappropriate to expect all learning to be screen based. All students will receive a learning kit prior to the start of camp.

Students will be engaged in interactive, meaningful literacy experiences through daily read alouds and shared readings. They will gain important pre-reading/writing concepts such as print awareness, phonological awareness, letter/sound knowledge, oral language, vocabulary, comprehension, and writing fluency.

## Summer Scholars

The Summer Scholars Program is an instructional school-based program targeting literacy and math intervention for students entering Grades 2-5, with identified needs in literacy and math. Districts will offer in person and or virtual learning options for registered students. Students will be engaged in comprehensive and meaningful literacy and math instruction using evidence based practices to address their individual needs.

## STEM Literacy

In this camp, students will engage with high-interest science-based texts to develop vocabulary, fluency, and comprehension strategies. Text levels will vary between beginning of 2<sup>nd</sup> grade and end of 4<sup>th</sup> grade. **Students reading below an early 2<sup>nd</sup> grade reading level may struggle with the materials.** Students will also engage in science and engineering activities and investigations focused on developing rich content knowledge.

## Math Mindset

The Macomb Intermediate School District is offering a summer math camp for students entering 6<sup>th</sup>, 7<sup>th</sup>, or 8<sup>th</sup> grade who believe mathematics is not their strength. Our goal is to communicate the brain research to math students and teach them through an approach that is open, creative and visual. The term “growth mindset” comes from the work of Carol Dweck. Her studies show that everyone holds ideas about their own potential. Students with a fixed mindset are those who are more likely to give up easily, whereas students with a growth mindset are those who keep on going even when work is hard, and who are persistent. The curriculum is based on a model used at Stanford University with 81 students with a wide range of achievement levels. Students in the study demonstrated 1.6 years of growth after 18 days of instruction. (Jo Boaler, Mathematics Education Professor, Stanford University) [www.youcubed.org](http://www.youcubed.org)