

Math Summer Work



Your child received an IXL Action Plan from his/her homeroom teacher.

Log into IXL -same username and password from the school year.

Login here: <https://www.ixl.com/signin/paterson>

Your child is required to complete a total of 10 IXL skills from his/her customized Action Plan. This should take between 60–90 min. a week during the summer. Do not save until the end of the summer to do.

Each skill must be completed to a minimum score of 85%. All work should be completed in their math notebook/scrap paper that will be stapled and turned in on the first day of school.

He or she will **choose at least one activity from EACH topic** listed.

If there are more than 10 listed - he/she can choose the 10 he/she would like to complete **BUT MUST HAVE AT LEAST ONE PER TOPIC.**

Students are encouraged to complete all of the recommended skills to help ensure mastery and preparation for the next year's math class.

This will count as the **first test grade** of the first marking period for math. 10 points for each of the 10 skills completed to 85%. **If a student fails to complete the 85%, a percentage of points will be deducted from each skill that is less than the required 80%. Total points = 100.**

Example section from IXL Action Plan

Please note: this is NOT your child's Action Plan.

**Topics - Minimum of 1
skills per topic.**

Math strand levels and recommendations

Numbers & Operations



5 recommended skills

- Evaluate exponents (Sixth grade) >> XDA
- Multiply three or more numbers up to 2 digits each (Fifth grade) >> CKE
- Multiply numbers ending in zeroes (Fifth grade) >> 3V9
- Prime and composite: up to 20 (Fourth grade) >> TNF
- Add and subtract positive and negative decimals (Seventh grade) >> W

Algebra & Algebraic Thinking



5 recommended skills

- Complete a table from a graph (Fifth grade) >> 2WL
- Unit prices: find the total price (Seventh grade) >> ENH
- Graph inequalities on number lines (Sixth grade) >> CXX
- Find the constant of proportionality from a graph (Seventh grade) >> ZUT
- Write a two-variable equation (Sixth grade) >> 2RE

**Skill - Choose at least
1 and complete to
minimum of 85%**

Most Action Plans have 6 Topics

- **Students should choose 10 skills that are listed for the grade they are going into or below.**
- **If they have extra skills to choose from then it is recommended that they practice on skills that are above the grade they are going into.**