IXL Skill Plan for the TerraNova 3®

1st grade

Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

www.ixl.com/math/skill-plans/terranova3-grade-1

Number and Number Relations

Standard	IXL skills
Counting	**Count within 20**
	1. Counting review - up to 20 QRF
	2. Counting tens and ones - up to 20 GU6
	Count within 100
	3. Counting - up to 100 SUW
	4. Counting tens and ones - up to 99 EAN
	5. Counting forward - up to 120 VZR
	6. Counting on the hundred chart XUD
Compare, Order	**Compare groups**
	1. Comparing - review PRR
	Compare numbers
	2. Compare numbers up to 10 using words 2PE
	3. Compare numbers up to 10 using symbols GNP
	4. Compare numbers up to 100 using words BWC
	5. Compare numbers up to 100 using symbols FU5
	6. Comparison word problems C7Q
	Order numbers
	7. Put numbers in order PB7
Ordinal Numbers	1. Ordinal numbers XUP
Money	1. Names and values of common coins FT2
	2. Names and values of all coins YE6
Fractional Part	**Equal parts**
	1. Equal parts - halves and fourths HVX
	2. Equal parts - halves, thirds, and fourths FZT
	Identify fractions
	3. Identify halves and fourths WVL
	4. Identify halves, thirds, and fourths BZ9

Make fractions

5. Make halves and fourths X5A

6. Make halves, thirds, and fourths N7M

7. Make halves and fourths in different ways YJR

Place Value

Rounding, Estimation

1. Estimate to the nearest ten 9G2

Odd, Even Numbers

1. Even or odd 5K2

2. Identify numbers as even or odd JZQ

3. Which even or odd number comes before or after? BBV

Computation and Numerical Estimation

Standard	IXL skills
Computation	**Add within 20**
	1. Addition facts - sums up to 10 WUL
	2. Addition facts - sums up to 20 6TM
	Add within 100
	3. Add a one-digit number to a two-digit number - without regrouping 5VX
	4. Add a one-digit number to a two-digit number - with regrouping BF6
	5. Add a multiple of ten and a one-digit number DZN
	6. Add two multiples of ten EMK
	7. Add a multiple of ten and a two-digit number LNL
	Subtract within 20
	8. Subtraction facts - up to 10 EQK
	9. Subtraction facts - up to 20 PV5
	Subtract within 100
	10. Subtract one-digit numbers from two-digit numbers TWS
	11. Subtract multiples of 10 9DD
	12. Subtract a multiple of 10 PYR
	Mixed operations
	13. Addition and subtraction facts - up to 10 V7A
	14. Addition and subtraction facts - up to 20 C78
Computation In Context	**Addition**
	1. Addition word problems with pictures - sums up to 10 F6L
	2. Addition word problems - sums up to 10 P6D
	3. Addition word problems - sums up to 20 KY5
	4. Addition word problems - one-digit plus two-digit numbers 88Q

Subtraction

5. Subtraction word problems with pictures - up to 10 GA9

6. Subtraction word problems - up to 10 7NL

7. Subtraction word problems - up to 20 9Q9

Mixed operations

8. Addition and subtraction word problems - up to 20 VJR

Computation With Money

Count money

1. Count pennies, nickels, and dimes UED

2. Count pennies, nickels, dimes, and quarters 8AK

Exchange coins

3. Equivalent groups of coins TRL

4. Exchanging coins - with pictures WXU

Solve problems

5. Money - word problems KJD

6. Purchases: do you have enough money? S9S

IXL

Operation Concepts

Standard	IXL skills
Operation Sense	**Addition and subtraction sentences**
	1. Addition sentences: true or false? AMQ
	2. Subtraction sentences: true or false? XRG
	3. Addition and subtraction sentences: which is true? QVL
	Word problems
	4. Addition sentences for word problems - sums up to 10 ZE8
	5. Addition sentences for word problems - sums up to 20 N5N
	6. Subtraction sentences for word problems - up to 10 R2J
	7. Subtraction sentences for word problems - up to 20 LJA

Measurement

Standard	IXL skills
Appropriate Tool	
Non-Standard Units	1. Measure length with objects GWG 2. Measure length with cubes FBV 3. Measure height with cubes BLM
Estimate	1. Compare objects: length and height D7U 2. Wide and narrow GHE
Time	**Clocks and times** 1. Match digital clocks and times KKM 2. Match analog clocks and times 5FJ 3. Match analog and digital clocks 7N3 4. Read clocks and write times UJM **Everyday events** 5. Times of everyday events BXM 6. Time and clocks: word problems NPR
Length, Distance	**Customary units** 1. Which customary unit of length is appropriate? TR2 2. Customary units of length: word problems 2EE **Metric units** 3. Which metric unit of length is appropriate? FAV 4. Metric units of length: word problems Z66

Geometry and Spatial Sense

Standard	IXL skills
Congruence, Similarity	
Sort/Group	1. Count shapes in a Venn diagram PNU
	2. Sort shapes into a Venn diagram C8D
Symmetry	1. Symmetry 6SM
Transformations	
Visualization, Spatial Reasoning	1. Left, middle, and right 9ZD
	2. Top, middle, and bottom LZ5
	3. Location in a grid ZXG
	4. Above and below NKZ
	5. Beside and next to JNZ

Data Analysis, Statistics, and Probability

Standard	IXL skills
Read Pictograph	1. Which picture graph is correct? WZF
Read Bar Graph	1. Which bar graph is correct? 83F
Interpret Data Display	1. Interpret picture graphs GFA 2. Interpret bar graphs I 9US
Complete/Construct Data Display	1. Create bar graphs 6KD 2. Create pictographs I NM5
Use Data To Solve Problems	
Compare Data	1. Interpret bar graphs II SW5

Patterns, Functions, Algebra

Standard	IXL skills
Missing Element	1. Sequences - count up and down by 1, 2, 5, and 10 8PY
Number Pattern	1. Skip-counting by twos, fives, and tens W8G 2. Counting by twos, fives, and tens UZU 3. Skip-counting patterns - with tables ZUU
Geometric Pattern	**Repeating patterns** 1. Find the next shape in a pattern AG5 2. Complete a pattern HHW 3. Make a pattern QZE **Growing patterns** 4. Growing patterns KYD 5. Find the next shape in a growing pattern ALF 6. Find the next row in a growing pattern UE5
Model Problem Situation	**Addition and subtraction models** 1. Addition sentences up to 10: which model matches? E5U 2. Subtraction sentences up to 10: which model matches? MGG **Word problems** 3. Addition word problems with pictures - sums up to 10 F6L 4. Subtraction word problems with pictures - up to 10 GA9

Problem Solving and Reasoning

Standard	IXL skills
Identify Missing/Extra Information	
Solve Non-Routine Problem	1. Which sign makes the number sentence true? 7JY
Deductive/Inductive Reasoning	1. Sort shapes into a Venn diagram C8D

Communication

Standard	IXL skills
Model Math Situations	**Addition models**

Addition models

1. Add with cubes - sums up to 10 E8D
2. Add with pictures - sums up to 10 H6S
3. Use models to add a two-digit and a one-digit number - without regrouping MUX
4. Use models to add a two-digit and a one-digit number - with regrouping 8RL

Addition word problems

5. Addition sentences for word problems - sums up to 10 ZE8
6. Addition sentences for word problems - sums up to 20 N5N

Subtraction models

7. Subtract with cubes - up to 10 5JT
8. Subtract with pictures - up to 10 Y2Z

Subtraction word problems

9. Subtraction sentences for word problems - up to 10 R2J
10. Subtraction sentences for word problems - up to 20 LJA