## What is an IEP Goal?

IEP goals or objectives represent a part of a required fluency or list of skills that describe what a student should accomplish during the school year (IEP cycle). Each objective in the IEP goal progression moves the learner through previously unmastered skills and skill gaps that may span multiple grade levels or be more condensed to a specific grade or developmental range.

Teach Tastic IEP goals written to be SMART: Specific, Measurable, Attainable, Results-oriented and Time-bound.

## Learning Standard

Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself. For example, given the 4.OA.C. 5 rule "Add 3" and the starting number 1, generate terms in the resulting sequence and observe that the terms appear to alternate between odd and even numbers. Explain informally why the numbers will continue to alternate in this way.

## Target Goal

By (date), when given problems with pattern analysis, the student will generate a number or shape pattern that follows a given rule then identify apparent features of the pattern that were not explicit in the rule itself, improving operations and algebraic thinking skills from $0 / 10$ work samples out of ten consecutive trials to $8 / 10$ work samples in ten consecutive trials.

## Objectives

## What is true about the pattern made by the rule?

By (date), when given problems with patterns and sequences, the student will what is true about the pattern made by the rule?, improving operations and algebraic thinking skills from $0 / 10$ problems out of ten consecutive trials to $8 / 10$ problems in ten consecutive trials.

## What is true about the given pattern?

By (date), when given problems with patterns and sequences, the student will what is true about the given pattern?, improving operations and algebraic thinking skills from $0 / 10$ problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

## Use a rule to complete a number pattern

By (date), when given problems with patterns and sequences, the student will use a rule to complete a number pattern, improving operations and algebraic thinking skills from 0/10 problems out of ten consecutive trials to $8 / 10$ problems in ten consecutive trials.

## Find the next shape in a pattern

By (date), when given problems with patterns and sequences, the student will find the next shape in a pattern, improving operations and algebraic thinking skills from $0 / 10$ problems out of ten consecutive trials to $8 / 10$ problems in ten consecutive trials.

## Updates and Learning Resources

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## Quarterly Progress Monitoring

## What is true about the pattern made by the rule?

By (date), when given problems with patterns and sequences, the student will what is true about the pattern made by the rule?, improving operations and algebraic thinking skills from $0 / 10$ problems out of ten consecutive trials to $8 / 10$ problems in ten consecutive trials.

| Date: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Score: |  |  |  |  |  |  |  |  |  |  |

## What is true about the given pattern?

By (date), when given problems with patterns and sequences, the student will what is true about the given pattern?, improving operations and algebraic thinking skills from $0 / 10$ problems out of ten consecutive trials to $8 / 10$ problems in ten consecutive trials.

| Date: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Score: |  |  |  |  |  |  |  |  |  |  |

Proficiency:
1-Beginning 0-5/10
2-Practicing 6/10
2.5-Emerging 7/10
$\square$ 3-Proficient 8/10
$\square$ 3.5-Advanced 9/10
$\square$ 4-Mastery 10/10

## Use a rule to complete a number pattern

By (date), when given problems with patterns and sequences, the student will use a rule to complete a number pattern, improving operations and algebraic thinking skills from $0 / 10$ problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

| Date: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Score: |  |  |  |  |  |  |  |  |  |  |
|  | Proficiency: | $\square$ 1-Beginning 0-5/10 | $\square$ 2-Practicing 6/10 |  |  |  |  |  |  |  |
|  | $\square$ 3-Proficient 8/10 | $\square$ 3.5-Advanced 9/10 | $\square$ 2.5-Emerging 7/10 |  |  |  |  |  |  |  |
|  | $\square$ 4-Mastery 10/10 |  |  |  |  |  |  |  |  |  |

## Find the next shape in a pattern

By (date), when given problems with patterns and sequences, the student will find the next shape in a pattern, improving operations and algebraic thinking skills from $0 / 10$ problems out of ten consecutive trials to 8/10 problems in ten consecutive trials.

| Date: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Score: |  |  |  |  |  |  |  |  |  |  |

Proficiency:
1-Beginning 0-5/10
$\square$ 2-Practicing 6/10
2.5-Emerging 7/10
$\square$ 3-Proficient 8/10
$\square$ 3.5-Advanced 9/10
$\square$ 4-Mastery 10/10

