



# MY STUDENT HAS TROUBLE WITH...

- Counting Backwards
- Remembering 'basic' facts

Visual spatial concepts

- Fast Calculations
- Place Value
- Estimating



# DIAGNOSTIC PROCESS LOOKS LIKE...

- \* Record Students Performance
- Meet with Parents and Admin
- Optometry Check
- Hearing Check
- Learning Specialist Testing
- \* Psychological Testing



# WAYS TO SUPPORT OUR STUDENT....

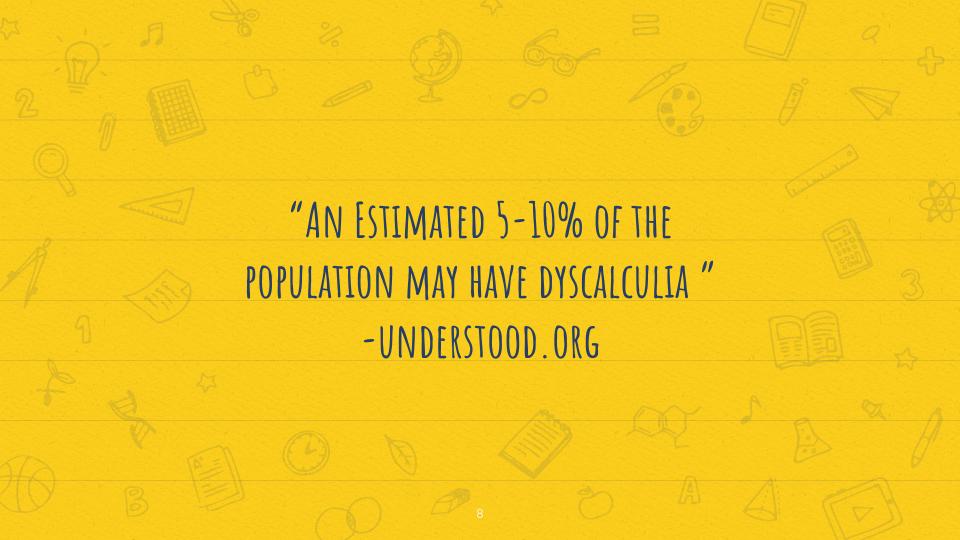
Learning Support classes

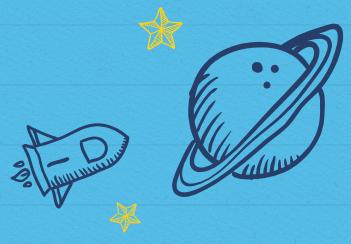
graph paper, calculator)

Extra math practice

\* IEP Development

- x Resource teacher support
  - x Supply Resources for student (number line,





# MINECRAFT FOR MATH?

Investigating Minecraft.edu

# WHAT ARE THE BENEFITS Creative Scaffolded

'Gameify'
Engaging

Cross-Curricular

**Simple** 

### MINECRAFT FOR MATH

#### Step One:

Introduce minecraft and use a training world to build comfortability.

#### **Step Two:**

Pick a grade appropriate lesson plan, or make your own.

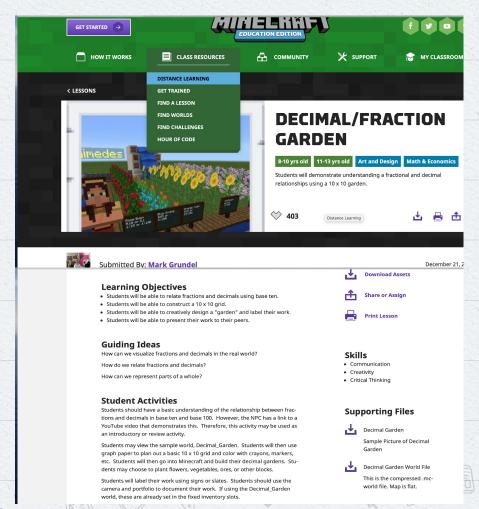
#### **Step Three:**

Have the students solve math equations through minecraft lesson plans.



### EXAMPLE LESSON:

- Comprehensive lesson plans
- Clear objectives
- Cross curricular potential



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# WHY MINECRAFT?

- Students with dyscalculia showed significant increase in understanding and engagement when using an online virtual simulator.



# LET'S REVIEW SOME KEY SUPPORTS

**Extra Practice Sheets** 

**Extra Time** 

**Number Chart** 

**Number Line** 

**Graph Paper** 

Calculator