

# TOPICS

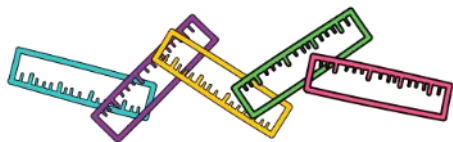
*making a plan*

- where to begin
- what to focus on
- allotting time
- what to choose from

For Parents/Guardians  
Looking for Guidance  
on Sudden Home Schooling



**Figured in**struction



# mathematics

## HIGHLIGHTS FOR INDEPENDENT STUDY

	Basic Number Sense	Foundational Fluency	Other Top Grade Level Skills	Particularly Hands-On
KINDER	Kinder: Numbers 0-10 then 11-19	Kinder: within 5, add and subtract then move to within 10	Recognize & Count Numbers to 100 Compare Numbers Count Objects All about Shapes	Counting Adding & Subtracting
1 <sup>ST</sup> GRADE	1 <sup>st</sup> : Numbers 0-120	1 <sup>st</sup> : within 20 (up to 10+10), add Especially sums of 10 and doubles (6+6), start working on subtraction	Measure (use non-standard unit aka arm length) Repeat Add (3+3+3+3) Introduction to Money <b>Telling Time (to half hour)</b>	Addition & Subtraction Measuring
2 <sup>ND</sup> GRADE	2 <sup>nd</sup> : Numbers 0-1000	2 <sup>nd</sup> and up: within 20 (up to 10+10), add and subtract  3 <sup>rd</sup> and up: multiplication facts up to 12x12  4 <sup>th</sup> and up: factors of numbers up to 144 (aka reverse multiplication facts)	Measure using in, ft, etc. <b>2 Digit Add/Subtract</b> Repeat Add (7+7+7) <b>Telling Time</b> <b>Money</b>	Addition and Subtraction Measuring
3 <sup>RD</sup> GRADE	3 <sup>rd</sup> : Numbers 0-1,000,000		<b>2-3 Digit Add/Subtract</b> Estimate Time Area Rectangles Perimeter Connect Mult to Division	Basic Fractions Liquid Measurement
4 <sup>TH</sup> GRADE	4 <sup>th</sup> : Fractions and Decimals (fractions up to 12ths, decimals to hundredths—2 decimal places)		<b>Basic Division</b> Decimals to Fractions (and vice versa) Area & Perimeter <b>Compare (decimals, Fractions)</b>	Area Comparing Fractions Comparing Decimals
5 <sup>TH</sup> GRADE	5 <sup>th</sup> : Fractions and Decimals (fractions up to 100ths, decimals to thousandths—3 decimals places)		<b>Multi-digit Multiplication</b> Equivalent Fractions <b>Multiply/Divide with Decimals</b> <b>Multiply/Divide Fractions</b> Volume	Equivalent Fractions Adding/Subtracting Fractions (Baking!)
6 <sup>TH</sup> GRADE	6 <sup>th</sup> : Fractions and Decimals (fractions up to 1000ths and decimals to ten-thousandths—4 decimal places)		Add/Subtract/Mult/Divide w/ Decimals and/or Fractions GCF and LCM Solve basic equations/inequalities	Area, Surface Area and Volume Understand Negative Values Basic Statistics (mean, median, mode, etc.)
<b>MOST IMPORTANT TO FOCUS ON:</b>  <b>Basic Number Sense</b> and <b>Foundational Fluency</b> (Beyond that look to the <b>BOLD</b> topics first, then to the remaining topics)			<b>Other</b>	
			Represent and Interpret Data Work with shapes Logic Patterns <b>Problem Solving/Critical Thinking</b>	



# mathematics

## RECOMMENDATIONS

Ideas for incorporating the Key Areas of study for Elementary Level Mathematics. This list is designed to provide basic ideas. Ideally one may draw directly from this list OR use it as a jumping off point.

### Number Sense

- Number of the Day
- Hands-On Play to show numbers (playdough, money, candy, pizza etc...)
- Represent multiple ways
- How numbers fit and/or work together

4+ times a week  
TIME: age times 1.5

### Other Top Grade-Level Skills

- Games
- Online/App games
- Worksheets
- Learning Activities
- Spiral Reviews are excellent

4+ times a week  
TIME: age times 2.5

### Particular Hands-On Learning

- Talk about telling time or scheduling using the clocks at home...make a clock/plan/schedule
- Measure things using a variety of measuring tools
- Any real-world activity
  - with money
  - Baking
  - Making charts/Collecting Data
- Use playdough, cheerios, sprinkles, legos, etc.

Whenever you can fit it in...  
TIME: varies

### Foundational Fluency

Anything that promotes speed/timing/accuracy:

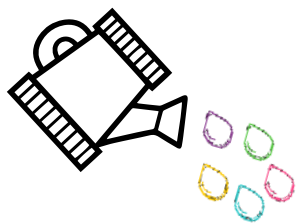
- Flash Cards
- Math Fact Worksheets
- Games
- Online Games/Cards/Etc...

3+ times a week  
until proficiency  
TIME: age times 1

### Other

- Puzzles/Brain Teasers
- Story/Word Problems
- Challenges and/or Games requiring strategy
- Build/Design

2-3 times a week  
minimum  
TIME: age times 3



# my student's outline

MAIN MATH TOPICS

Student : \_\_\_\_\_ Grade: \_\_\_\_\_

## Specific Focus Areas Noted by Teacher

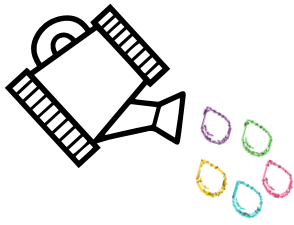
### Basic Number Sense

### Foundational Fluency

### Other Top Grade Level Skills

### Particularly Hands-On Learning

### Other



# ideas for my student

ACTIVITIES, RESOURCES, HANDS-ON AND MORE

Student : \_\_\_\_\_ Grade: \_\_\_\_\_

## Specific Recommendations from Teacher

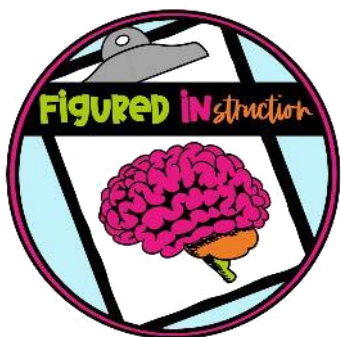
### Basic Number Sense

### Foundational Fluency

### Other Top Grade Level Skills

### Particularly Hands-On Learning

### Other



# THANK YOU

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