

# Math 1

Scripted Lesson Plans



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PRESS

## INTRODUCTION

Math is a concept-oriented discipline that builds on prior mastery. Moving on from a concept without having mastered it to the next concept is fraught with possible problems. That is why we like Saxon Math in the grammar school years. Its three-steps-forward, two-steps-back way of building and reviewing minimizes such problems.

As you may have observed, we recommend Saxon Math ahead of the grade level recommended by the publisher. It is our opinion that, based on the experience of thousands of children, our knowledge of historic standards, and observation of other countries where math is a strong suit, this is quit reasonable. However, we realize that your children may not be ready to do this yet. Taking them from where they are is necessary. The pace at which you go from there is your call.

There are those children who are ready to tackle beyond the level that we recommend. Starting them higher would generally not be as effective as moving them faster.

With math, keeping them challenged without frustrating them is a key goal.

## GRADE BY GRADE

Below is the grade-by-grade breakdown for Math.

<u>Grade</u>	<u>Curriculum</u>
Kindergarten	Saxon 1
1 <sup>st</sup>	Saxon 2
2 <sup>nd</sup>	Saxon 3
3 <sup>rd</sup>	Saxon 54
4 <sup>th</sup>	Saxon 65
5 <sup>th</sup>	Saxon 76
6 <sup>th</sup>	Saxon Algebra ½

## BEFORE YOU BEGIN

1. For Saxon 1, 2 and 3
  - a. Read the Home Study Overview in the Teacher's Manual.
  - b. Refer to the Veritas Press Scholars Lesson Plans, Lesson 1 for Books and Materials that will be needed to begin.
  - c. You are ready to begin.
2. For Saxon 54, 65, 76 and Algebra ½
  - a. Become familiar with introductory materials.
  - b. Refer to the Veritas Press Scholars Lesson Plans, Lesson 1 for Books and Materials that will be needed to begin.
  - c. You are ready to begin.

## ADDITIONAL THOUGHTS

Math textbook writers are known for expecting children to do every problem in every problem set. The folks at Saxon are no different. We agree with them in early levels and have generally not skipped any problems in what we recommend in the Lesson Plans through and including Saxon 65. Beginning with Saxon 76, there are times where

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we don't see the necessity of doing all the problems. In such instances we have carefully selected the ones we believe most beneficial.

You will need to be the judge of whether your children are able to master the material as we have recommended. There will certainly be instances where doing more problems will be beneficial and there will be instances where even doing all that we recommend will not be the best use of the time available.

## Reading and Identifying Numbers to 100

### Identifying Left and Right

#### **BOOKS**

Saxon 2 Teacher's Manual

Saxon 2 Meeting Book

#### **MATERIALS**

Copy of Meeting Strip, Teacher's Manual, pg. xviii

Individual Hundred Number Chart

6 Color Tiles

#### **OBJECTIVE**

To teach the children to begin using their Meeting Book. To teach the children to read and identify numbers 1 to 100. To teach the children to identify left and right.

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#### **TEACHING**

Do Lesson 1, pgs. 1–5 of Teacher's Manual.

*ALERT: It may be helpful to some children to teach them a quick way to remember left and right using their hands. Say "Hold up your left hand up palm facing away from you. Put down all of your fingers except your pointer finger and thumb. Use them to make the letter 'L'. You can use this to remember that this is your left hand because left starts with the letter 'L' that your fingers are making. When you do the same thing with your right hand, the letter 'L' is backwards so that can't be your left hand, it's your right hand."*

#### **ASSIGNMENT**

None

## Graphing Data on a Graph

### Identifying One More and One Less Than a Number

#### BOOKS

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

#### MATERIALS

Copy of the Meeting, Teacher's Manual, pg. xviii  
List of 20 Birthdays of Family Members and Friends  
Hundred Number Chart  
1 Color Tile  
Worksheet 2A/2B

#### OBJECTIVE

To teach the children to show information using a graph. To teach the children to find numbers above, below, to the right, and to the left of a number on a hundred number chart. To teach the children to find a number that is 1 more or 1 less than a number.

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#### TEACHING

Do Lesson 2, pgs. 6–10 of Teacher's Manual.

*ALERT: A copy of the Meeting Strip will be needed each day for the children to begin their lesson. We will not continue to include this in the list of materials.*

#### ASSIGNMENT

Do Worksheet 2A/2B.

COMPLETED  GRADED

## Telling Time to the Hour

### BOOKS

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

### MATERIALS

Demonstration Clock  
Worksheet 3A/3B

### OBJECTIVE

To teach the children to tell time to the hour.

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### TEACHING

Do Lesson 3, pgs. 11–15 of Teacher's Manual.

### ASSIGNMENT

Do Worksheet 3A/3B.

COMPLETED  GRADED

## Addition Facts – Doubles to 20

### BOOKS

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

### MATERIALS

20 Color Tiles (in a bag)  
Hundred Number Chart  
Worksheet 4A/4B

### OBJECTIVE

To teach the children the addition facts called the doubles.

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### TEACHING

Do Lesson 4, pgs. 16–21 of Teacher's Manual.

### ASSIGNMENT

Do Worksheet 4A/4B.

COMPLETED  GRADED

Counting by 10's to 100

Writing Numbers to 100

**BOOKS**

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

**MATERIALS**

Handwriting or Scrap Paper  
1 Envelope, Bag, or Container to store Fact Cards  
Addition Fact Cards – Tan  
Worksheet 5A/5B

**OBJECTIVE**

To teach the children to count to 100 by 10's. To teach the children to write numbers to 100. To increase speed of recall for addition facts.

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**TEACHING**

Do Lesson 5, pgs. 22–27 of Teacher's Manual.

**ASSIGNMENT**

Do Worksheet 5A/5B.

COMPLETED  GRADED



## Identifying the Attributes of Pattern Blocks

### BOOKS

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

### MATERIALS

Pattern Blocks  
Fact Sheet AA 1.0  
Worksheet 6A/6B

### OBJECTIVE

To teach the children to identify pattern blocks by shape and color. To teach the children to create designs with the pattern blocks. To increase speed of recall for addition facts.

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### TEACHING

Do Lesson 6, pgs. 28–32 of Teacher's Manual.

### ASSIGNMENT

Do Worksheet 6A/6B.

COMPLETED  GRADED

## Creating and Reading a Repeating Pattern

## Identifying Ordinal Position to Fifth

### BOOKS

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

### MATERIALS

Small Plastic Animal or other object  
Pattern Blocks (in a basket)  
Fact Sheet A 1.2  
Addition Fact Cards – Tan  
Worksheet 7A/7B

### OBJECTIVE

To teach the children to make and read a repeating pattern using pattern blocks. To teach the children to identify ordinal positions to the fifth. To increase speed of recall for addition facts.

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### TEACHING

Do Lesson 7, pgs. 33–38 of Teacher's Manual.

### ASSIGNMENT

Do Worksheet 7A/7B.

COMPLETED  GRADED

## Identifying and Acting Out Some, Some More Stories

## Comparing Numbers to 50

**BOOKS**

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

**MATERIALS**

10 Stuffed Animals, Dolls, Action Figures, or other Toys  
Color Tiles (20 each of 2 colors)  
Fact Sheet A 1.2  
Addition Fact Cards – Tan  
Worksheet 8A/8B

**OBJECTIVE**

To teach the children to act out some, some more stories. To teach the children to compare numbers to 50. To increase speed of recall for addition facts.

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**TEACHING**

Do Lesson 8, pgs. 39–44 of Teacher's Manual.

**ASSIGNMENT**

Do Worksheet 8A/8B.

COMPLETED  GRADED

## Covering Pattern Blocks with Equal Size Pieces

## Addition Facts – Adding One

**BOOKS**

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

**MATERIALS**

Pattern Blocks  
Fact Sheet A 2.0  
Addition Fact Cards – Peach  
Worksheet 9A/9B

**OBJECTIVE**

To teach the children to cover the pattern block pieces with equal size pieces. To teach the children the adding 1 addition facts. To increase speed of recall for addition facts.

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**TEACHING**

Do Lesson 9, pgs. 45–50 of Teacher's Manual.

**ASSIGNMENT**

Do Worksheet 9A/9B.

COMPLETED  GRADED

## Covering a Design Using Pattern Blocks

### BOOKS

Saxon 3 Teacher's Manual  
Saxon 3 Student Workbook

### MATERIALS

Oral Assessment #1  
Written Assessment #1  
Pattern Blocks  
Master 2–10 (cut the Master in half)  
Fact Sheet A 1.2  
Hundred Number Chart  
Handwriting Paper and Pencil

### OBJECTIVE

To determine the children's progress in mastering the material using both an oral and a written assessment. To teach the children to use the pattern blocks to cover shapes. To increase speed of recall for addition facts.

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### TEACHING

Do Lesson 10, pgs. 51–55 of Teacher's Manual.

### ASSIGNMENT

None

## Identifying and Acting Out Some, Some Went Away Stories

## Creating and Reading a Repeating Pattern

### BOOKS

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

### MATERIALS

10 Stuffed Animals, Dolls, Action Figures, or other Toys  
Basket of Pattern Blocks  
Fact Sheet A 1.2  
Addition Fact Cards – Tan  
Worksheet 11A/11B

### OBJECTIVE

To teach the children to act out some, some went away stories. To teach the children to make and read repeating patterns using pattern blocks. To increase speed of recall for addition facts.

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### TEACHING

Do Lesson 11, pgs. 56–61 of Teacher's Manual.

### ASSIGNMENT

Do Worksheet 11A/11B.

COMPLETED  GRADED

Numbering a Clock Face

Determining Elapsed Time (One Hour)

**BOOKS**

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

**MATERIALS**

Demonstration Clock  
Master 2–12  
Fact Sheet A 2.0  
Addition Fact Cards – Peach  
Worksheet 12A/12B

**OBJECTIVE**

To teach the children to number and show time on a clock face. To teach the children to determine the time 1 hour ago and 1 hour from now. To increase speed of recall for addition facts.

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**TEACHING**

Do Lesson 12, pgs. 62–68 of Teacher's Manual.

**ASSIGNMENT**

Do Worksheet 12A/12B.

COMPLETED  GRADED

## Addition Facts – Adding Zero

**BOOKS**

Saxon 2 Teacher's Manual  
Saxon 2 Student Workbook  
Saxon 2 Meeting Book

**MATERIALS**

Fact Sheet A 3.0  
Addition Fact Cards – Lavender  
Worksheet 13A/13B

**OBJECTIVE**

To teach the children the addition facts that are called the adding zero facts. To increase speed of recall for addition facts.

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**TEACHING**

Do Lesson 13, pgs. 69–73 of Teacher's Manual.

**ASSIGNMENT**

Do Worksheet 13A/13B.

COMPLETED  GRADED