

Math K

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 st	Saxon 2
2 nd	Saxon 3
3 rd	Saxon 54
4 th	Saxon 65
5 th	Saxon 76
6 th	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

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.

Identifying Today's Date

BOOKS

Saxon 1 Teacher's Manual
Meeting Book (This will be used for all lessons.)
Addition Songs Book and CD

MATERIALS

Meeting Strip (This will be used for all lessons. A master is included in the overview.)
Piece of Paper
Crayons

OBJECTIVE

To teach the children to identify today's date

TEACHING

1. Do Lesson 1, pgs.1–3, in the Teacher's Manual.
2. Teach the children the Counting 1 to 20 song on the *Addition Songs* CD. They can count along on the first page of the book which goes with the CD.
3. Optional Activity: Make it fun and exciting as your child is learning to count. Count the days to 100 using a paper chain. You can add a link a day or take one away. When you reach 100, have a 100 hundred party. Collect 100 pennies to purchase a hamburger for lunch. Count out 100 M&M's to share. Make a collage of 100 things. This will give the children something to look forward to as you pull out the Meeting Book everyday.

ALERT: It is very important the children learn songs and chants to correspond with what they are learning. Practice this as frequently as possible. Travel time is a great way to practice this. Make sure to bring your CD's along anytime you are in the car. Also, be in the practice of reviewing your lesson plans at least a day ahead. Saxon Math gives very helpful tips for preparing your lesson the night before.

It is not necessary to have the Saxon Manipulative Kit to complete the lessons, however some type of kit is recommended.

ASSIGNMENT

None

Making Towers for the numbers 1–5

BOOKS

Saxon 1 Teacher's Manual
Meeting Book
Addition Songs Book and CD

MATERIALS

Meeting Strip
Lesson 2 Worksheet
Master 1–2
Linking Cubes, unsnapped (at least 30)
Crayons

OBJECTIVE

Teaching the children to count to 5

TEACHING

1. Do Lesson 2, pgs. 4–9, in the Teacher's Manual
2. Practice the Counting 1 to 20 Song on the *Addition Songs* CD.

ASSIGNMENT

None

Writing the Numbers 1, 4, and 5

BOOKS

Saxon 1 Teacher's Manual
Meeting Book

MATERIALS

Meeting Strip
Lesson 3 Worksheets
1–5 Number Strips from Lesson 2
Collection of 5 Objects (pencils)
Handwriting Paper
Penny
Crayons
Dry Erase Board
Dry Erase Marker

OBJECTIVE

Teaching the children to write the numbers 1, 4, and 5

TEACHING

1. Do Lesson 3, pgs.10–15, in the Teacher's Manual.

ALERT: It may be tempting to eliminate the chalkboard activities. They take additional time that may not seem necessary outside of a classroom. Children learn very important developmental skills by copying things from the board to the paper.

Place a larger dry erase board up in front of the children. If you do not desire it to be permanently mounted to the wall, an easel stand works well.

ASSIGNMENT

None

Making Towers for the Numbers 1–9

Ordering the Numbers 0–9

BOOKS

Saxon 1 Teacher’s Manual
Meeting Book

MATERIALS

Meeting Strip
Lesson 4 Worksheets
Master 1–2 (bottom half)
1–5 Number Strips from Lesson 2
Small Plastic Bag
Scissors

OBJECTIVE

Teaching the children to count the numbers 1–9 and ordering the numbers 0–9

TEACHING

1. Do Lesson 4, pgs.16–21, in the Teacher’s Manual.

ASSIGNMENT

None

Review

BOOKS

Addition Songs Book and CD

MATERIALS**OBJECTIVE**

Review as necessary

TEACHING

1. Look over your child's last five lessons to see if there is anything consistently missed. Review these concepts with the child. If you have gotten behind, this is a good day to catch up. Review as necessary
2. Practice the Counting 1 to 20 song on the *Addition Songs* Book and CD.

ASSIGNMENT

Play teacher with 0-9

COMPLETED GRADED

Younger children love to play teacher. Give the children the dry erase board and markers and tell them to write their numbers 0–9.

Writing the Numbers 2, 3, and 7

BOOKS

Saxon 1 Teacher's Manual
Saxon 1 Student Manual
Meeting Book

MATERIALS

Lesson 5 Worksheets
Dry Erase Board
Dry Erase Markers
Number Cards 0–9 (from Master 1-2)
Handwriting Paper
7 Objects (pencils)
Penny
Green Crayon

OBJECTIVE

To teach the children to write the numbers 2, 3, and 7

TEACHING

1. Do Lesson 5, pgs. 22–27, in the Teacher's Manual.
2. Have the children complete Lesson 5 Worksheets from the Student Manual.

ASSIGNMENT

None

Identifying a Circle and a Square/Identifying the Number of Sides and Angles of a Square

BOOKS

Saxon 1 Teacher's Manual
Saxon 1 Student's Manual
Meeting Book
Addition Songs Book and CD

MATERIALS

Lesson 6 Worksheets
Dry Erase Board
Dry Erase Markers
Construction Paper
Tower of 10 Linking Cubes

OBJECTIVE

To teach the children to identify a circle and a square. Also, to teach the children to identify the sides and angles of a square

TEACHING

1. Do Lesson 6, pgs.28–32, in the Teacher's Manual.

ASSIGNMENT

None

Graphing a Picture on a Pictograph/Identifying the Most and the Fewest on a Graph/ Identifying Right and Left

BOOKS

Saxon 1 Teacher's Manual
Saxon 1 Student Manual
Meeting Book

MATERIALS

OBJECTIVE

To teach the children to graph a picture on a pictograph. To teach the children to identify the most and fewest on a graph and to identify right to left

TEACHING

1. Do Lesson 7, pgs.33–38, in the Teacher's Manual.

ASSIGNMENT

None

Writing the Numbers 0, 6, 8, and 9

BOOKS

Saxon 1 Teacher's Manual
Saxon 1 Student Manual
Meeting Book
Addition Songs Book and CD

MATERIALS

Lesson 8 Worksheets
Dry Erase Board
Dry Erase Markers
Number Cards 0–9
Handwriting Paper
9 Objects (pencils)
Penny
2 Towers of 10 Linking Cubes

OBJECTIVE

To teach the children to write the numbers 0, 6, 8, and 9

TEACHING

1. Do Lesson 8, pgs. 39–46, in the Teacher's Manual.
2. Have the children complete Lesson 8 Worksheets from the Student Manual.
3. Practice the Counting 1 to 20 song on the *Addition Songs* CD

ASSIGNMENT

None

Review

BOOKS

Addition Songs Book and CD

MATERIALS

Number cards 0–9
10 Beans

OBJECTIVE

To review with the children

TEACHING

1. Review as necessary. Look over your child's last five lessons to see if there is anything consistently missed. Review these concepts with the child. If you have gotten behind, this is a good day to catch up.
2. Practice the Counting 1 to 20 song on the *Addition Songs* Book and CD

ASSIGNMENT

1. Give the children 10 beans and the number cards. Have them place one card at a time on the table and count out that number of beans.

Ordering Sets from Smallest to Largest/ Ordering Numbers from Least to Greatest/ Identifying Fewest, Most

BOOKS

Saxon 1 Teacher's Manual
Saxon 1 Student Manual
Meeting Book

MATERIALS

Lesson 9 Worksheets
Linking Cubes in a Container (6 red, 7 yellow, 9 green, and 8 blue)
0–9 Number Cards
2 Towers of 10 Linking Cubes

OBJECTIVE

To teach the children to order sets from smallest to largest, to order numbers from least to greatest, and to identify fewest and most

TEACHING

1. Do Lesson 9, 47–52, in the Teacher's Manual.
2. Do Lesson 9 Worksheets from the Student Manual.

ASSIGNMENT

None

Assessment

BOOKS

Saxon 1 Teacher's Manual
Saxon 1 Student Manual
Meeting Book

MATERIALS

Lesson 10 Worksheets

OBJECTIVE

To have the children complete the Assessment

TEACHING

1. Do Lesson 10, pgs. 53– 56, in the Teacher's Manual.

ASSIGNMENT

1. Written Assessment

Have the children complete the Written Assessment.

COMPLETED GRADED

2. Oral Assessment

Administer the Oral Assessment to the children.

COMPLETED GRADED

Writing the Number 10/ Identifying morning and Afternoon/ Identifying First, Last, Between/ Identifying First, Second, Third

BOOKS

Saxon 1 Teacher's Manual
Saxon 1 Student Manual
Meeting Book
Addition Songs Book and CD

MATERIALS

Lesson 11 Worksheets
Dry Erase Board
Dry Erase Markers
Tag Board Circle and Brass Fastener for Morning/Afternoon Clock
1 Red, 1 Yellow, and 1 Blue Linking Cube
6 Stuffed Animals, Dolls, Action Figures, or Other Toys

OBJECTIVE

To teach the children to write the number 10, to teach them to identify morning and afternoon, and first, last, and between. Also, to identify first, second, and third.

TEACHING

1. Do Lesson 11, pgs.57–62, in the Teacher's Manual.
2. Have the children complete Lesson 11 Worksheets from the Student Manual.
3. Practice the Counting 1 to 20 song on the *Addition Songs* Book and CD.

ASSIGNMENT

None