

LEARN TO
PROGRAM WITH
VISUAL BASIC

TEACHER'S MANUAL

J. Parnell McCarter

©2004 J. Parnell McCarter. All Rights Reserved.

**6408 Wrenwood
Jenison, MI 49428
(616) 457-8095**

The Puritans' Home School Curriculum

www.puritans.net

**TEACHER'S MANUAL FOR
LEARN TO PROGRAM WITH VISUAL BASIC 6
TABLE OF CONTENTS**

Section One : Course Instructions.....p. 4

Section Two : Course Check-off List.....p. 6

SECTION ONE: COURSE INSTRUCTIONS

Purpose

This course provides an introduction to computer programming using John Smiley's book *Learn to Program with Visual Basic 6*, which is available in many public libraries.

Check-Off List

Students should record when they have completed the work associated with each chapter in the book *Learn to Program with Visual Basic 6*. They must complete exercises and quizzes associated with each chapter.

Quizzes and Answer Keys

Each chapter in *Learn to Program with Visual Basic 6* includes a quiz. Students should record their answers to each quiz. Answers to the quiz are in Appendix A.

Grading

The average grade of the quizzes should be calculated in order to determine the overall grade for the course. Even though exercises are not graded, the course will not be considered complete until all exercises have been adequately completed.

SECTION TWO: COURSE CHECK-OFF LIST

TEACHER'S MANUAL FOR *LEARN TO PROGRAM WITH VISUAL BASIC 6*

Student Name: _____

Teacher Name: _____

Chapter Check-Off List

Chapter #	TOPIC	EXERCISES COMPLETED, IF APPLICABLE? (X)	QUIZ COMPLETED? (X)	QUIZ GRADE AND SCORE
1	<i>Where Do I Begin?</i>			
2	<i>What is a Computer Program?</i>			
3	<i>Getting Comfortable with Visual Basic</i>			
4	<i>Programming is Easy!</i>			
5	<i>Building the User Interface</i>			
6	<i>A First Look at Coding</i>			
7	<i>Data</i>			
8	<i>Selection Structures</i>			
9	<i>Loops</i>			
10	<i>String Manipulation</i>			
11	<i>Disk Files and Printer Operations</i>			
12	<i>Finishing the User Interface</i>			
13	<i>Arrays</i>			
14	<i>Error Handling</i>			
15	<i>Customizing Your Application</i>			
<i>Average Test Score (sum of the chapter test scores / 15)</i>				

Overall Grade in Course (Letter Grade Equivalent of the Average Test Score): _____

Note: Grading in this course should be done on a 100-point scale, with letter grades assigned as follows:

Letter Grade	Score on 100-Point Scale
A+	97 - 100
A	94 - 96
A-	90 - 93
B+	87 - 89
B	84 - 86
B-	80 - 83
C+	77 - 79
C	74 - 76
C-	70 - 73
D	60 - 69
F	0 - 59

In order to determine how many points each question in a chapter test is worth, divide 100 by the number of questions in the test. For example, if there are 10 questions in a test, then each question is worth 10 points ($= 100 / 10$). So if a student got 9 out of the 10 questions right, then his test score is 90 ($= 9 \times 10$). His letter grade, according to the table above, would then be an A-.