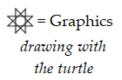


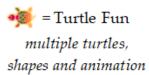
## 101+ Ideas for Logo

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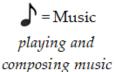
101+ Ideas for Logo is a collection of dozens of ideas that young programmers can use to get started with coding. It comes free with your Terrapin Logo license for use at school or at home. There are many projects for both beginning and advanced students to explore in all areas of Logo.

## **Key to Logo Areas**





ABC = Word Play fun with words and language



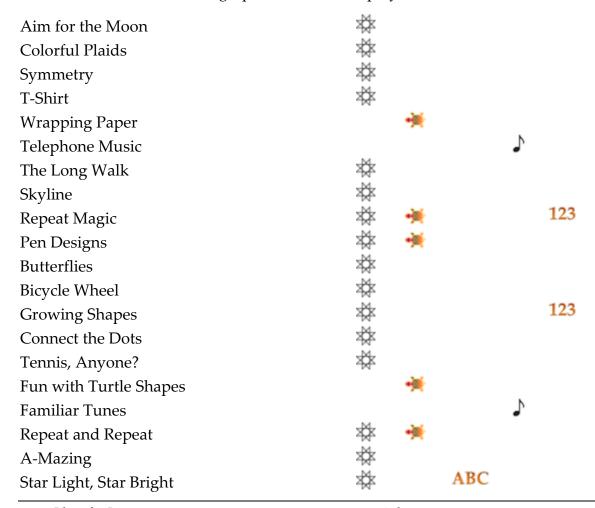
123 = Numbers

math games

and challenges



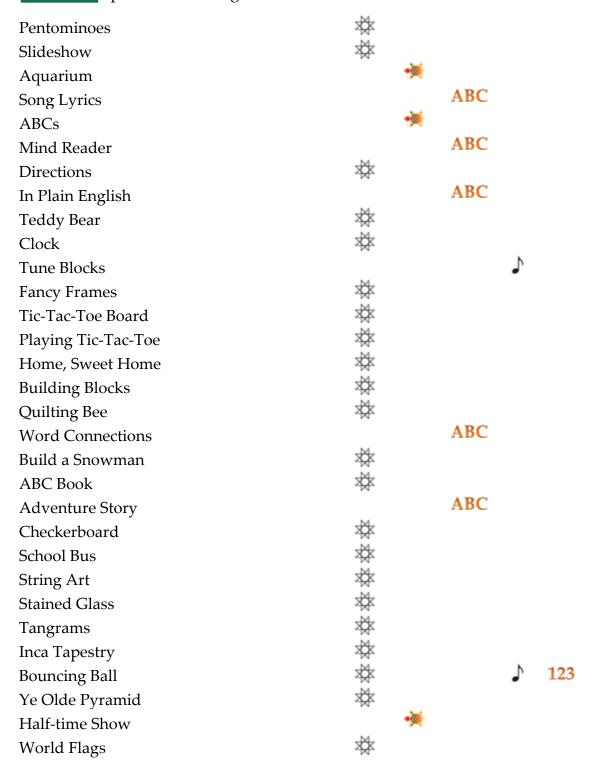
In these beginning projects, you will give Logo instructions in the immediate mode. You don't need to know how to write a procedure. You'll move the turtle, change its shape, add text to the graphics screen, and play music.



Jigsaw Puzzle	**				
Travel the US	**				
Airplane Aerobatics		•			
Message Hunt	**	•	ABC	J	123



In these projects, you'll write simple procedures using the Logo editor. Sometimes you will combine them to write larger programs. Are you ready to write, edit, and combine procedures in Logo?





In some of these projects, you will write procedures that take inputs. Using variables gives you lots of power! You will also use and write reporters: procedures that give you back information. Built-in word and list commands help you play with language.

Who's First?		ABC		
Spinach		ABC		
Goldilocks' Chairs	**			
Letter Sizes	**			
Word + Word		ABC		
Garden	**			
Word Changes		ABC		
Ice Cream Scoops	**			
Mystery Machine				123
Is it a Word?		ABC		
Mandalas	**			
Silly Sentences		ABC		
So Many Turtles!	••			
Vacation Postcards		ABC		
Snowflakes	**			
News Update		ABC		
Musical Instruments			₽	
Fun with Dates		ABC		123
Halloween Recipe		ABC		
Perverbs		ABC		
Coin Flip	••			123
Playing a Round			♪	
Data Converter				123



Your programs are getting more complicated! Now you'll get Logo to make decisions. You can look at information and choose one path or another through your program. You can also control recursion using graphics, words and lists, music, and shapes.

Spirals	**		
Plurals			ABC
Song Lyrics			ABC
Rat in the Maze	**	•	
Name Spirolaterals	**		ABC
Slot Machine		•	
Pig Latin			ABC
Robot Race		•	
Map Maker	**		ABC

Piggy Bank
Morse Code
Case of Four Bugs





Now you can do just about anything in Logo! In these projects, you'll get input from the user. You'll store information for the computer to use later, program some entertaining games, and create larger projects.

Miniature Golf	**				
Menu Choices			ABC		
Piano Chopsticks				♪	
Logic Game			ABC		123
Elevator Fun		•			123
Planets			ABC		
Hidden Target					123
Roman Numerals			ABC		123
Connections	**				123
Listen and Play				1	
Big Adventure			ABC		
Pool Table Fun	***				123