



# CodeHS: TEKS Alignment

## Computing Ideas



The Computing Ideas course is a first computer science course introducing the basics of programming with Karel the Dog, the basics of designing a web page, and how information and images are represented with computers. Students will learn to code using blocks to drag and drop, but they can switch between blocks and text as desired. Students will create a portfolio on the web of projects they build throughout the course.

With a unique focus on creativity, problem solving and project based learning, Computing Ideas gives students the opportunity to explore several important topics of computing using their own ideas and creativity and develop an interest in computer science that will foster further endeavors in the field.

Course:	TEKs Addressed				
<b>Fundamentals of Computer Science</b>	126.32.c.1.a	126.32.c.1.g	126.32.c.4.e	126.32.c.5.c	126.32.c.5.d
	126.32.c.1.b	126.32.c.2.a	126.32.c.4.i	126.32.c.5.d	126.32.c.5.e
	126.32.c.1.c	126.32.c.2.b	126.32.c.4.k	126.32.c.5.e	126.32.c.5.f
	126.32.c.1.d	126.32.c.2.c	126.32.c.4.l	126.32.c.5.f	
	126.32.c.1.e	126.32.c.4.c	126.32.c.5.a	126.32.c.5.b	
	126.32.c.1.f	126.32.c.4.d	126.32.c.5.b	126.32.c.5.c	
<b>Computer Science I</b>	126.33.c.1.b	126.33.c.4.a	126.33.c.4.g	126.33.c.5.a	126.33.c.6.a
	126.33.c.2.a	126.33.c.4.b	126.33.c.4.h	126.33.c.5.b	126.33.c.6.b
	126.33.c.2.d	126.33.c.4.c	126.33.c.4.j	126.33.c.5.c	126.33.c.6.l
	126.33.c.2.g	126.33.c.4.e	126.33.c.4.l	126.33.c.5.d	126.33.c.6.m
	126.33.c.2.h	126.33.c.4.f	126.33.c.4.s	126.33.c.5.e	126.33.c.6.n



# CodeHS: TEKS Alignment

## Web Design



In today's world, web pages are the main medium for sharing ideas and information. Learning to design websites is an incredibly useful skill for any career path.

The CodeHS Web Design course is a project-based course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multipage websites.

Course:	TEKS Addressed				
Fundamentals of Computer Science	126.32.c.1.a	126.32.c.1.e	126.32.c.2.a	126.32.c.3.b	126.32.c.4.d
	126.32.c.1.b	126.32.c.1.f	126.32.c.2.b	126.32.c.4.a	
	126.32.c.1.c	126.32.c.1.g	126.32.c.2.c	126.32.c.4.b	



# CodeHS: TEKS Alignment

## Introduction to Computer Science in JavaScript




The CodeHS introduction to computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the CodeHS Introduction to Computer Science course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript.

Course:	TEKs Addressed				
<b>Fundamentals of Computer Science</b>	126.32.c.1.b	126.32.c.2.a	126.32.c.4.f	126.32.c.4.k	
	126.32.c.1.c	126.32.c.2.b	126.32.c.4.g	126.32.c.4.j	
	126.32.c.1.d	126.32.c.4.d	126.32.c.4.h	126.32.c.4.l	
	126.32.c.1.f	126.32.c.4.e	126.32.c.4.i	126.32.c.4.m	
<b>Computer Science I</b>	126.33.c.2.a	126.33.c.4.d	126.33.c.4.l	126.33.c.4.v	126.33.c.6.o
	126.33.c.2.b	126.33.c.4.e	126.33.c.4.m	126.33.c.4.w	126.33.c.6.p
	126.33.c.2.d	126.33.c.4.f	126.33.c.4.n	126.33.c.6.e	126.33.c.6.q
	126.33.c.2.f	126.33.c.4.g	126.33.c.4.o	126.33.c.6.f	126.33.c.6.r
	126.33.c.2.h	126.33.c.4.h	126.33.c.4.p	126.33.c.6.h	126.33.c.6.s
	126.33.c.4.a	126.33.c.4.i	126.33.c.4.q	126.33.c.6.i	126.33.c.6.t
	126.33.c.4.b	126.33.c.4.j	126.33.c.4.s	126.33.c.6.j	126.33.c.6.u
	126.33.c.4.c	126.33.c.4.k	126.33.c.4.u	126.33.c.6.k	
<b>Computer Science II</b>	126.34.c.1.a	126.34.c.2.b	126.34.c.3.h	126.34.c.4.e	126.34.c.4.s
	126.34.c.1.b	126.34.c.2.d	126.34.c.4.a	126.34.c.4.l	126.34.c.4.cc
	126.34.c.1.c	126.34.c.3.d	126.34.c.4.b	126.34.c.4.n	
	126.34.c.1.f	126.34.c.3.e	126.34.c.4.c	126.34.c.4.l	
	126.34.c.1.h	126.34.c.3.f	126.34.c.4.d	126.34.c.4.r	



# CodeHS: TEKS Alignment

Introduction to Computer Science in Python					
 <p>The CodeHS introduction to Python course teaches the fundamentals of computer programming as well as some advanced features of the Python language. Students use what they learn in this course to build simple console-based games. This course is equivalent to a semester-long introductory Python course at the college level.</p>					
Course:	TEKs Addressed				
<b>Fundamentals of Computer Science</b>	126.32.c.1.b	126.32.c.2.a	126.32.c.4.f	126.32.c.4.k	126.32.c.4.n
	126.32.c.1.c	126.32.c.2.b	126.32.c.4.g	126.32.c.4.j	
	126.32.c.1.d	126.32.c.4.d	126.32.c.4.h	126.32.c.4.l	
	126.32.c.1.f	126.32.c.4.e	126.32.c.4.i	126.32.c.4.m	
<b>Computer Science I</b>	126.33.c.2.a	126.33.c.4.e	126.33.c.4.m	126.33.c.4.w	126.33.c.6.q
	126.33.c.2.b	126.33.c.4.f	126.33.c.4.n	126.33.c.6.e	126.33.c.6.r
	126.33.c.2.d	126.33.c.4.g	126.33.c.4.o	126.33.c.6.h	126.33.c.6.s
	126.33.c.2.h	126.33.c.4.h	126.33.c.4.p	126.33.c.6.i	126.33.c.6.t
	126.33.c.4.a	126.33.c.4.i	126.33.c.4.q	126.33.c.6.j	126.33.c.6.u
	126.33.c.4.b	126.33.c.4.j	126.33.c.4.s	126.33.c.6.k	
	126.33.c.4.c	126.33.c.4.k	126.33.c.4.u	126.33.c.6.o	
	126.33.c.4.d	126.33.c.4.l	126.33.c.4.v	126.33.c.6.p	
<b>Computer Science II</b>	126.34.c.1.a	126.34.c.2.b	126.34.c.3.h	126.34.c.4.e	126.34.c.4.s
	126.34.c.1.b	126.34.c.2.d	126.34.c.4.a	126.34.c.4.l	126.34.c.4.cc
	126.34.c.1.c	126.34.c.3.d	126.34.c.4.b	126.34.c.4.n	
	126.34.c.1.f	126.34.c.3.e	126.34.c.4.c	126.34.c.4.q	
	126.34.c.1.h	126.34.c.3.f	126.34.c.4.d	126.34.c.4.r	