

## SDHXCS Enrichment Classes (才艺课)

<b>Subject (科目):</b>	<b>Computer Science</b>		
<b>Course Name (课程名称):</b>	<b>Learning Java with Alice 3 (Fall) &amp; Java A (Spring)</b> 电脑编程启蒙 <a href="#">公众号链接</a>		
<b>Teacher Name (教师姓名)</b>	inGenius Staff	<b>Phone</b>	(858) 381 - 0128
		<b>email</b>	info@ingenius.us
<b>Teacher's Background (教师简介):</b>	<p>inGenius brings together a group of experienced educators who are passionate about teaching young STREAM (science and technology, reading and writing, engineering, art and math). They will motivate and nurture the next generation of science, technology, engineering, art and mathematics leaders in the following ways:</p> <ol style="list-style-type: none"> <li>1. Provide the highest quality education and learning environment</li> <li>2. Promote innovation and promote an immersive learning experience</li> <li>3. Advocate leadership, teamwork and critical thinking skills across all course activities</li> <li>4. Let students not only apply tools, but also conduct creative experiments and innovations in an immersive learning environment.</li> </ol> <p>inGenius 集中了一群经验丰富的教育工作者，他们热衷于教授青少年 STREAM (科学技术、阅读和写作、工程、艺术和数学)。他们将通过以下方式激励并培养下一代科学、技术、工程、艺术和数学等学科的领导者：</p> <ol style="list-style-type: none"> <li>1. 提供最优质的教育和学习环境</li> <li>2. 促进创新，促进身临其境的学习体验</li> <li>3. 在所有课程活动中倡导领导力、团队合作和批判性思维技能</li> <li>4. 让学生不仅会应用工具，更能在沉浸式学习环境中进行创造性实验和创新</li> </ol>		
<b>Course introduction (课程简述):</b>	<p><b>Learning Java with Alice 3 课程介绍：</b></p> <p>Alice 是一种直观式 3D 绘图软件。Java 语言和 Alice 绘图软件的结合，可以让学生了解 3D 游戏开发概念，包括游戏规划、角色移动、碰撞检测、游戏内对话和可玩性。学生在本课程中将会学到：Variables, Data types, Conditions, Loops, Lists (Arrays), Nested conditions, Nested loops, Multi-threading, Events, Classes, Alice Functions, Alice Methods 等概念。</p>		

	<p><b>Java A 课程介绍:</b></p> <p>该课程对 Java / C ++编程语言进行了介绍。学生在本课程中将会学到: Data types, Variables, Conditions, Loops, Arrays, String processing, Nested conditions, Nested loops, Functions, Classes, Introduction to basic sorting and binary search 等概念。</p>			
<p><b>Course Objectives</b> (课程目标):</p>	See above.			
<p><b>Pre-requisite/Student Ages</b> (先决要求/学生年龄要求):</p>	9 yrs +			
<p><b>Student Evaluation / Presentation</b> (评分方法 (演出、比赛、展示等)):</p>				
<p><b>Class Size (最多招生人数限制):</b></p>	15 Students ( Sundays at 11:30Am – 1:00Pm )			
<p><b>Course Fee (报名费 / 学费):</b></p>	<p><b>Registration &amp; material fee</b></p>	\$459 per year	<p><b>Special course fee</b></p>	