

# Programming 1 / Programming 2

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# Curriculum Web Sites

## Programming 1

- [Code.org: Express Course](#)
- [CodeHS: Intro to Computer Science in Python](#)
  - Python 2.7

## Programming 2

- [CodeHS: AP Computer Science in Java](#)
  - Minus the AP part

# Gamified Components

- XP based grading
- Levels & Leveling up
- Badges for completion of skills
- Some required modules
- Many optional modules
- Games (from time to time)

# Grading Scheme

This course uses a Gamified Grading Scheme that...

- Uses experience points (XP)
- Is proficiency based
  - based on outcomes
  - based on demonstrated skills
- Is designed to encourage going above & beyond
  - Has both required skills
  - And optional skills
- Is aligned to a 4.0 grading scale

# 4.0 Grading Scale

- 4.0 = A+
- 3.7 = A
- 3.5 = A-
- 3.3 = B+
- 3.0 = B
- 2.5 = B-

- 2.4 = C+
- 2.0 = C
- 1.5 = C-
- 1.0 = D
- <1.0 = F

# Level Up

- Would be running throughout the entire course
- Does not align with final course/semester grades

Level Up Gaming Scheme		<a href="#">Select Another Scheme</a>
Name:	Range:	
4.0   Demi-god	100%	to 68%
4.0   Titan	< 68%	to 64%
4.0   Epic	< 64%	to 60%
4.0   Legend	< 60%	to 56%
3.9   Champion	< 56%	to 52%
3.8   Hero	< 52%	to 48%
3.7   Paladin	< 48%	to 43%
3.6   Lord	< 43%	to 38%
3.5   Conqueror	< 38%	to 37%
3.4   Exemplar	< 37%	to 36%
3.3   Knight	< 36%	to 35%
3.2   Defender	< 35%	to 33%
3.1   Protector	< 33%	to 32%
3.0   Veteran	< 32%	to 31%
2.9   Gladiator	< 31%	to 30%
2.8   Freelancer	< 30%	to 29%
2.7   Scrapper	< 29%	to 27%

# What's my grade?

- 1-3 times per grading period, I will post grades
- This will be relative to top scoring student/s
- Based on 4.0 scale like so
- Actual points may vary

Letter Grades			
Top XP Score:	500		
Base Points:	125		
Letter Grade	Grade Point Scale	% of Max Pts.	Points Needed
A	4	100%	500
A-	3.7	92.5%	462.5
B+	3.3	82.5%	412.5
B	3	75%	375
B-	2.7	67.5%	337.5
C+	2.3	57.5%	287.5
C	2	50%	250
C-	1.7	42.5%	212.5
D+	1.3	32.5%	162.5
D	1	25%	125
D-	0.7	17.5%	87.5
F	0.3	7.5%	37.5
N/A	0	0%	0

# Typical Points Breakdown

- Participation: 5-10 xp
- Assignments: 10-25xp
- Quizzes: 20-50xp
- Projects & Tests: 50-100xp
- My Goal is to offer 5000xp for each course over the course of the year



# How to Follow Your Child on Canvas

- Go to <https://canvas.instructure.com/register>
- Click “I am a Parent”
- You’ll need your child’s username and password to follow your child
- You’ll see everything your son/daughter can see

# Contact Information

- [Canvas.instructure.com](https://canvas.instructure.com)
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