

**RIALTO UNIFIED SCHOOL DISTRICT
CURRICULUM PROPOSAL**

PILOT ELECTIVE COURSE

Name of Course: **SCRATCH** Grade Level(s): **7-8**

Brief Course Description:
Students will learn how to code using the Scratch platform

Proposed By: **Paulina Villalobos** School: **Frisbie Middle School** Date: **December 3, 2019**

The Following is Proposed for this Course:

<input checked="" type="checkbox"/> Addition	<input type="checkbox"/> Revision	<input type="checkbox"/> A – G	<input type="checkbox"/> Deletion
<input type="checkbox"/> Required Course	<input type="checkbox"/> Content	<input type="checkbox"/> Honors	<input type="checkbox"/> Name of Course
<input checked="" type="checkbox"/> Elective	<input type="checkbox"/> Name Change	<input type="checkbox"/> Vocational	

The Following Maximum Credits are Proposed for this Course:

Units of Credit in (Subject Area): _____ Semester _____ or in: _____ Elective _____

The Following Schools will Offer this Course:

<input checked="" type="checkbox"/> Frisbie Middle	<input type="checkbox"/> Jehue Middle	<input type="checkbox"/> Kolb Middle	<input type="checkbox"/> Kucera Middle	<input type="checkbox"/> Rialto Middle
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The Proposed Course will have the Following Budget Implication:

Individual School Site: _____
District Level: **No cost on course materials**
Total Estimated Cost: _____

Approval Signatures for the Proposed Course:

Printed Name	Signature	Title	Yes/No	Date
<i>Paulina Villalobos</i>	<i>Paulina Villalobos</i>	Submitting School Department Chair	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>11-18-19</i>
Vince Rollins	<i>Vince Rollins</i>	Frisbie Middle School Principal	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>11-27-19</i>
<i>Carolyn Eide</i>	<i>Carolyn Eide</i>	Jehue Middle School Principal	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>11-27-19</i>
<i>Armando Uteiga</i>	<i>A. Uteiga</i>	Kolb Middle School Principal	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>11-27-19</i>
<i>Roxanne Dominguez</i>	<i>Roxanne Dominguez</i>	Kucera Middle School Principal	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>11-27-19</i>
<i>Robin S. Math</i>	<i>Robin S. Math</i>	Rialto Middle School Principal	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>11-27-19</i>
Paulina Villalobos	<i>Paulina Villalobos</i>	District Curriculum Committee Chair	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>11-18-19</i>
<i>P. Chavez</i>	<i>P. Chavez</i>	Curriculum Council Chair	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Approved by *Paulina Villalobos* Curriculum Committee on (Date): *11/18/19*
 Approved by Curriculum Council on (Date): _____
 Approved by Rialto Unified School Board on (Date): _____
 Approved by UC (or N/A) on (Date): _____

Course Title: Scratch

Transcript Title/Abbreviation:

School: Frisbie Middle School

Subject Area: Elective

Grade Level: 7th/8th

Unit Value: 0.5

Brief Course Description:

In this course students will learn how to code using the Scratch platform.

Course Goals and/or Major Student Outcomes:

In this course students will:

- Learn the basics of coding
- Learn about and create a Google Site

Resources:

1. [Scratch Educator Guide](#)
2. [Creative Computing Curriculum](#) (CCC)
3. Google Sites (Student portfolio)

Course Outline:

- Week 1: Exploring Scratch (CCC)
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 2: Animations (CCC)
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 3: Animate Your Name
 - Possible Extensions:
 - Other Names, Start with an Image, Acrostics (pg.4)

- Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 4: Imagine a World
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 5: Animate a Character
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 6: Make Music
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 7: Create a Story (class) ~~Retell~~ a story
 - Determine backgrounds for each scene
 - Find, create, or upload sprites
- Week 8: Create a Story (individual)
 - Create a storyboard using Google Slides
 - Determine backgrounds for each scene
 - Find, create, or upload sprites
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?

- What was the hardest part?
 - If you had more time, what would you add or change?
- Week 9: Make a Chase Game (class)
 - Class will design a game together
- Week 10: Make a Chase Game (individual)
 - Purpose/Goal of the game
 - Extensions:
 - Add obstacles
 - Two-player game
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 11: Make it Fly
 - Extension:
 - Create a flying game
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 12: Pong Game
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 13: Video Sensing
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?

- Week 14: Remix Project –Maze Game
 - Use the maze starter project to make your version of the game
 - Add more levels
 - Keep score (subtract points for hitting the walls)
 - Add obstacles
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 15: Diving Deeper (CCC)
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?
- Week 16: Hackathon (CCC)
 - Portfolio Documentation
 - Screenshots
 - Answer Questions:
 - What do you like best about the project you made?
 - What was the hardest part?
 - If you had more time, what would you add or change?