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:

☒	Addition	☐	Revision	☐	A – G	☐	Deletion
☐	Required Course	☐	Content	☐	Honors	☐	Name of Course
☒	Elective	☐	Name Change	☐	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:

☒ Frisbie Middle	☐ Jehue Middle	☐ Kolb Middle	☐ Kucera Middle	☐ Rialto Middle

The Proposed Course will have the Following Budget Implication:

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

Approval Signatures for the Proposed Course:

Printed Name	Signature	Title	Yes/No	Date
Paulina Villalobos	*Paulina Villalobos*	Submitting School Department Chair	☐ Yes ☐ No	11-18-19
Vince Rollins	*[signature]*	Frisbie Middle School Principal	☒ Yes ☐ No	11-27-19
Carolyn Eide	*Carolyn Eide*	Jehue Middle School Principal	☐ Yes ☐ No	11-27-19
Armando Ultiego	*A. Ultiego*	Kolb Middle School Principal	☐ Yes ☐ No	11-27-19
Roxanne Dominguez	*RBs*	Kucera Middle School Principal	☐ Yes ☐ No	11-27-19
Robin S. Mah	*[signature]*	Rialto Middle School Principal	☐ Yes ☐ No	11-27-19
Paulina Villalobos	*[signature]*	District Curriculum Committee Chair	☒ Yes ☐ No	11-18-19
P Chavez	*[signature]*	Curriculum Council Chair	☐ Yes ☐ No	

Approved by __Paulina__ 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): _____

Rev. 1/18/2019

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 Documnetation
    - 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?