### Acorn Projects

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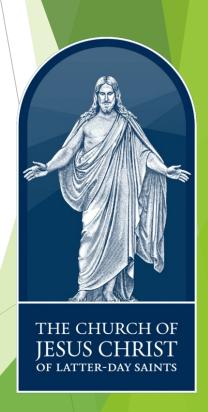
# Weekly Devotionals—Disciple of Jesus Christ

#### Project Values

- Teaching one another
- Strengthening our testimonies

#### Vision

 Attend devotionals and discuss what we each learned to help strengthen each others' testimonies and become better disciples of Jesus Christ



### **SMART Goal and Milestones**

- Specific
- Attend the devotional each week.
- Teach, talk and discuss with each other what we have learned.
- Measurable
- Be accountable for attending each week's devotional.
- Attainable: This project is attainable because we each will each be accountable for attending the devotional and teaching and discussing what we have learned with each other.
- **Relevant:** This project relates to the ILO of Disciple of Jesus Christ because we will be learning something spiritual from devotional and teaching what we learned to other members of our group.
- Timely
- Go to the devotional (about one hour)
- 15-20 minutes discussion.
- 10 cumulative hours to add up.
- Milestone
- June 15 devotional(Met at the MC on 6/18 for discussion)
- ▶ June 22 devotional (Met at the MC on 6/18 for discussion)

# Rexburg Re-Escape—Effective Communicators



### **Project Values**

Communicate clearly
Active Listening
Problem Solving



### Vision

Complete escape room in a given amount of time

### Rexburg Re-Escape— Effective Communicators

- SMART Goal Milestones
  - ▶ Play a practice escape room game
  - Read about escape room tips
  - Review as a team milestones 1 and 2
  - Schedule a time at escape room
  - Go and complete escape room as fast as possible

### **Project Progress**





### **Project Results**



# Completion Time: 50 Minutes

# Python Calculator— Sound Thinkers

- Project Values
  - **▶** Effective Communication
  - Problem-solving
  - ▶ Brainstorming, Dividing
- Vision
  - ► Work together to build a 4-function calculator in Python.

# Python Calculator— Sound Thinkers

#### SMART Goal Milestones

- Create a project outline.
- Write functions for the four basic mathematical functions.
- ▶ Implement "running total" functionality.
- Finalize the program.

```
dition
  Main ###
                                                              add(x, y):
 ht("\nWelcome to the python calculator!\n")
                                                              answer - x + y
 le isRunning == True:
 if len(listOfTotals) < 1:</pre>
                                                              return answer
     x = float(input("Please enter first number: "))
     operator = int(
         input(
            "Please select an operatorn1 = + n2 = -n3 = *n4 = ...
= Clear\n0 = Quit\n\n0perator Number: "
                                                           H subtract(x, y):
                                                              total = x - y
                                                              return total
     y = float(input("Please enter the second number: "))
     if operator == 1:
         answer = add(x, y)
                                                         # Multiplication
        print(answer)
         listOfTotals.append(answer)
                                                         def multiply(x, y):
                                                              total = x y
     elif operator == 2:
                                                              return total
         answer = subtract(x, y)
         print(answer)
         listOfTotals.append(answer)
     elif operator == 3:
         answer = multiply(x, y)
         print(answer)
         listOfTotals.append(answer)
                                            Project Progression
     elif operator == 4:
         answer = divide(x, y)
         print(answer)
         listOfTotals.append(answer
     elif operator == 9:
         clear()
         print("Cleared")
```

90

91

94

95

96

99

100

### Project Results

```
Welcome to the python calculator!
Please enter first number: 29
Please select an operator
1 = +
2 = -
3 = *
4 = /
9 = Clear
\emptyset = Quit
Operator Number: 3
Please enter the second number: \908
26332.0
Please select an operator
1 = +
3 = *
4 = /
9 = Clear
\emptyset = Quit
Operator Number: 4
Please enter the second number
13166.0
```

# Potato Cannon— Skilled Collaborators

### Project Values:

 Efficient communication, division of responsibilities, provide and receive constructive criticism

### **Vision Statement:**

 We will effectively divide responsibilities and perform our respective tasks to create a functioning potato cannon

### Potato Cannon— Skilled Collaborators

- SMART Goal Milestones:
  - Create a plan
  - Procure the materials
  - Assemble the cannon
  - ▶ Fire the cannon







### Project Progress

## Project Results

