

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

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.

```
64
65 ### Main ###
66 print("\nWelcome to the python calculator!\n")
67 while isRunning == True:
68     if len(listOfTotals) < 1:
69         x = float(input("Please enter first number: "))
70         operator = int(
71             input(
72                 "Please select an operator\n1 = +\n2 = -\n3 = *\n4 = /
73         0 = Clear\n0 = Quit\n\noperator Number: "
74             )
75         )
76         y = float(input("Please enter the second number: "))
77
78         if operator == 1:
79             answer = add(x, y)
80             print(answer)
81             listOfTotals.append(answer)
82
83         elif operator == 2:
84             answer = subtract(x, y)
85             print(answer)
86             listOfTotals.append(answer)
87
88         elif operator == 3:
89             answer = multiply(x, y)
90             print(answer)
91             listOfTotals.append(answer)
92
93         elif operator == 4:
94             answer = divide(x, y)
95             print(answer)
96             listOfTotals.append(answer)
97
98         elif operator == 9:
99             clear()
100             print("Cleared")
101
```

```
dition
def add(x, y):
    answer = x + y
    return answer
```

```
# Subtraction
def subtract(x, y):
    total = x - y
    return total
```

```
# Multiplication
def multiply(x, y):
    total = x * y
    return total
```

```
# Division
def divide(x, y):
    total = x / y
    return total
```

```
2
3 # Clear
4 def clear():
5     global listOfTotals
6     listOfTotals = []
7
```

Project Progression

Project Results

```
Welcome to the python calculator!
```

```
Please enter first number: 29
```

```
Please select an operator
```

```
1 = +
```

```
2 = -
```

```
3 = *
```

```
4 = /
```

```
9 = Clear
```

```
0 = Quit
```

```
Operator Number: 3
```

```
Please enter the second number: 908
```

```
26332.0
```

```
Please select an operator
```

```
1 = +
```

```
2 = -
```

```
3 = *
```

```
4 = /
```

```
9 = Clear
```

```
0 = Quit
```

```
Operator Number: 4
```

```
Please enter the second number: 2
```

```
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

