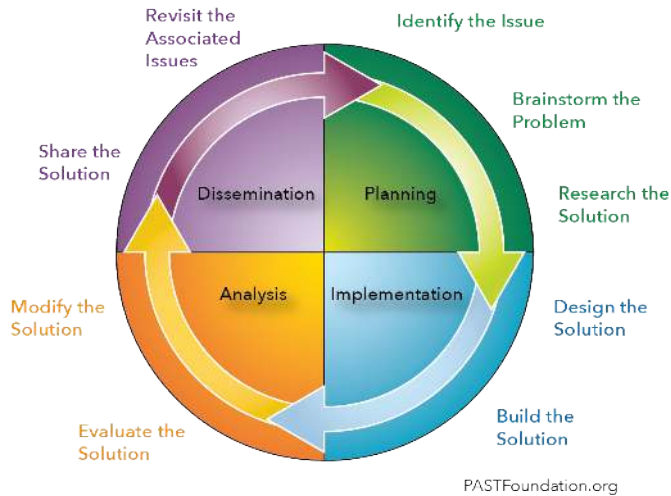


SEED BOMB Mini Challenge

Name: _____

Date: _____



Problem Scenario:

The gardener has seeds that need to be preserved in a SEED Bomb. The bomb needs to maintain the virility of the seed while being stored to be used at a future time. The seeds must be able to be stored in room temperature surroundings without germinating.

Challenge:

Create a medium that can be planted in the future that will house and maintain the efficacy of the seeds that you choose for an undetermined length of time.

Criteria/Supplies:

- Seeds (from a tomato, apple, wildflowers, etc)
- Be able to explain the medium that is being used and the preservation values.
- How long will the bomb be able to be stored and how will you show that length of time?

1. Brainstorm: Use the space below to brainstorm the design and approach to building a seed bomb.

- How does a plant grow?
- What does a plant need to survive?
- Why would we need to keep a seed viable for a long time before planting?
- What does it mean to preserve something?

2. Design:

Draw a picture of your seed bomb and how you've preserved the seeds.
Identify each element and how that element helps preserve the seeds.

4. Evaluate:

Keep track of the growth of the plants.
What happens if the plants don't grow?

5. Modify:

Try different types of materials to make the seed bombs.

3. Build:

What does your seed bomb look like?
Where will you keep it?

6. Share:

Share your creation on Social Media!

Tag us on Facebook, Twitter or Instagram @pastfoundation

Use the hashtag #ThisIsPAST or #DesignThinking