SCAMPER Framework for Simple Bath Bucket

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1) Substitute: What can be replaced?

- To replace the plastic it has to be replaced with biodegradable or recycled material for environmental friendliness.
- The use of stainless steel or copper can be used for durability and as an antimicrobial to prevent bacterial growth inside the bucket.
- Replace the traditional handle with a soft and ergonomic one for better comfort.
- Make transparent or translucent materials which can let the users know their water levels.
- Change colored-changing non-climate-sensitive materials with solid colors to represent hot or cold water.

2) Combine: What features, uses, or components can be combined?

- Accompanied by a soap holder that fits onto the bucket for ease in baths.
- Attach a removable shower attachment and make use of the bucket as a mini shower device.
- Install along the side, a display of digital thermometers for the water temperature.
- It should be provided with a timer showing how long the water is staying in the tank to enforce fresh use.
- Measure scale: a measuring scale inside the bucket to monitor usage to avoid excessive use of water.
- It can be used as a multi-pot by providing a removable lid added.

3) Adapt: What can be slightly tweaked to improve the product or process

- Use the bucket in a multipurpose fashion, such as laundry, storage, or used in the garden.
- Add wheels at the bottom for easy transport, especially when filled.
- Adapt it with a heat-resistant material that would allow one to carry hot water easily.

4) Modify (or sometimes, minify/magnify): How can the process be changed in a way that changes the outcomes?

- The handle should be redesigned with an anti-slip grip.
- The shape can be easily changed to an oval or square shape in order to fit small corners in the bathroom or other small rooms.
- Insert a gradient level indicator inside to make it easy to measure water.

5) Put to another use: What benefits might be gained by using the process/product in a different field?

- Use it as a plant pot or garden container for home decorations.
- It can be used as a portable wash basin while camping or traveling.
- Use them as storage containers, such as bathroom accessories, towels, or toiletries.

6) Eliminate: Sometimes, the best way to make a product better is to eliminate some of the unnecessary components.

- Remove the old bulbous shape, therefore leading to a collapsible, space-saving bucket.
- Remove heavy materials from it, such that it becomes less in weight and can easily be carried.
- Eliminate hard edges for a safer, child-friendly version.
- The design is of a lightweight, grippable structure without requiring the use of a handle.

7) Reverse/Rearrange: Would changing the sequence of effects produce a different outcome? What can be rearranged, flipped, or swapped?

- Reverse the position of the handle, placing it at the bottom instead of the top. This allows the bucket to be emptied without lifting.
- Add a rearrangeable lid to store different items in separate compartments based on available space.

Conclusion :-

Using the SCAMPER Creative thinking framework from this product redesign, I have gathered how even the most seemingly mundane object can have innovative improvements discovered. Starting with substitutes for material durability and sustainability up to features of the product even after putting wheels and ergonomic handles into it, all would prove that small changes make a big difference in functionality. Multiple functionalities such as the bucket's use as a showering device add another dimension of versatility while reducing heavy components or unnecessary parts culminating in an easy-to-use design. This exercise is all about how changes in an iterative way improve usability as well as eco-friendliness to suit different needs, making it more efficient.