



# Applied Design Thinking in WASH Programs

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# Integrated Approach to WASH Programs

- Institutional Setup
- Communication Strategy
- Start Up Businesses in WASH
- Hygiene Education
- Water Purification
- Water Supply
- Wastewater & Drainage Systems
- Solid Waste Management
- Renewable Energy in WASH
- Vocational Training in WASH



# Applied Design Thinking in Start Up Businesses in WASH

- Framing a Challenge
- Gathering User Emotions
- Crafting user Narratives
- Generating User-Centered Solutions
- Designing Prototypes & Business Models
- Testing & Iteration

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# Example- Vocational Training in WASH

- Introduction to Plumbing Profession
- Plumbing Safety
- Tools of the Plumbing Trade
- Introduction to Plumbing Math
- Introduction to Plumbing Drawings
- Plastic Pipe and Fittings
- Copper Tube and Fittings
- Carbon Steel Pipe and Fittings
- Introduction to Plumbing Fixtures
- Introduction to Drain and Waste Systems
- Introduction to Water Distribution Systems
- Introduction to Waster Purification Systems

