

# Salmon Stream Solutions design brief

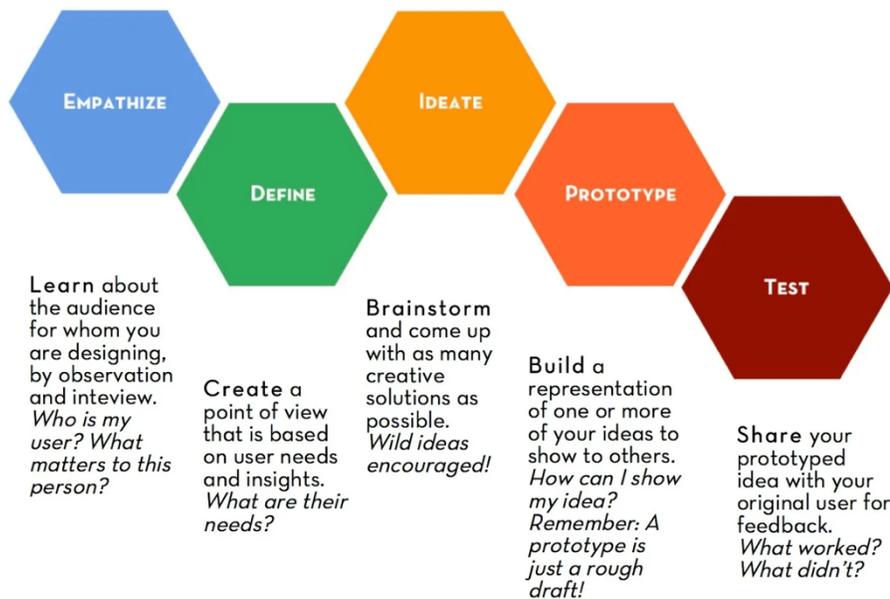
## Learning Target:

I can collaboratively design and construct a prototype using the design process to improve the survival of salmon in an urban stream.

## Introduction:

A design brief is a document used by professional designers and their clients to communicate information, goals, and requirements of a creative project. This design brief describes the design challenge to develop a solution to help protect or enhance salmon habitat in an urban stream.

## We are all DESIGNERS!



## The Opportunity:

Bowker Creek has been faced with many environmental issues since the urban development of Victoria, BC, such as poor water quality, pollution, habitat loss, risk of flooding, safety concerns, invasive species, and degradation of stream channels. Parts of Bowker Creek are completely underground or under roadways, surrounded by impervious surfaces (like cement, asphalt, or any artificial surfaces). In order for us to improve the survival of salmon in this stream, we need to restore the habitat and health of the stream.

**You Are Challenged To:**

Plan an innovation and construct a prototype using the design thinking process that will address one of the environmental issues or concerns in Bowker Creek. Your group's prototype will demonstrate how to improve salmon survival or enhance salmon habitat.



This resource is part of the BC Urban Streams & Watersheds lesson plans, assembled in 2025. Learn more and download additional resources at [www.engagewithnbs.ca/for-schools](http://www.engagewithnbs.ca/for-schools)

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