

# Hatchet by Gary Paulsen Read Chapter 1 through 5

## Can you Survive in the Wild

### Overview

The province of BC is a wealth of resources, including a variety of food resources. Historically, people have been living off the land. Often people need to be transported to these remote locations with smaller bush planes, like Brian. Imagine you are Brian from Hatchet and have to live off the land with only the clothes on your back and a hatchet. If a bush plane goes down what would you do?

### Rationale

To provide a design challenge that allows Hatchet by Gary Paulsen, a grade 6 novel, to be more accessible and inclusive to all learners.

### Problem Scenario

Put yourself in Brian's shoes as you have now exited the plane with only the clothes on you back and a hatchet or blade at your side. With your group design a prototype tool that would help Brian get food using only the clothes he is wearing, natural resources he can find, and the hatchet.

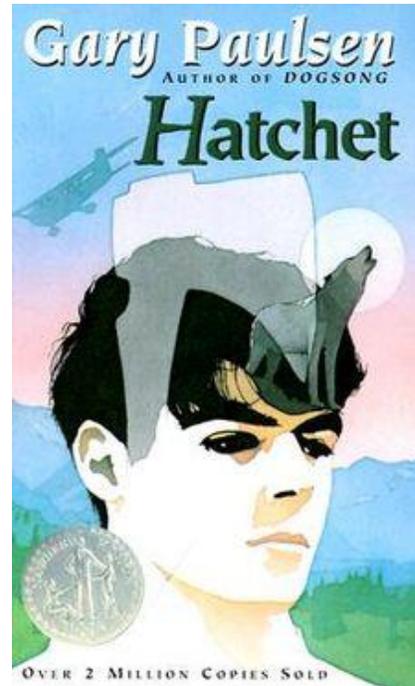
### Parameters:

- You will be given sometime to use the Design process as guided by your teacher and to create a list of natural items you are going to collect.
- You must use only the blade you are provided and natural items found of the ground in a respectful way.
- You will also be provided with elements of clothing that Brian was wearing.

### Success will be determined by:

- Uniqueness and usability of the prototype.
- Alignment of the prototype with the design.
- Alignment of the prototype to local the local resources.

## Hatchet by Gary Paulsen After Novel Completion



# The Accessible Bush Plane Survival Kit

## Overview

In the province of BC there is a long history of using bush planes to access remote areas. Consequently, flying over these vast areas there is a risk of plane crashes leaving the people on board stranded. If a plane's survival kit is not easily accessible, like in the novel Hatchet, it will not be used.

## Rationale

To provide a design challenge that allows Hatchet by Gary Paulsen, a grade 6 novel, to be more accessible and inclusive to all learners.

## Problem Scenario

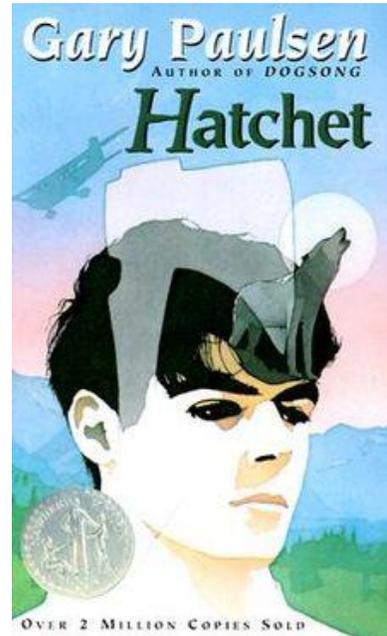
Looking back on the novel many struggles and challenges that Brian faced early on would have been alleviated by having the survival kit in the plane more accessible. Design a survival pack that would have been more accessible to Brian and that would help any bush plane in this situation.

## Parameters:

- You will be given an hour to use the Design process as guided by your teacher.
- You must use items from the pantry.
- You must also use item from the mystery box as given to you from your teacher.
- One person must be able to transport this kit on their own and the kit must support all members of the group.
- The survival kit needs to be accessible from the seat as you exit.
- Any medical concerns must be addressed.

## Things to consider:

- The basic needs of survival



- Sustainability
- Weight
- Size
- Accessible location on a plane
- Seasons

**Success will be determined by:**

- Uniqueness and usability of the prototype.
- Alignment of the prototype with the design.
- Alignment of the prototype to local the local resources.