

## **Recommended Reading**

Kensuke's Kingdom by Michael Morpurgo

Hatchet by Gary Paulsen

Brian's Winter by Gary Paulsen

The Cay by Theodore Taylor

The Tracker by Tom Brown Jr.

Survive by Les Stroud

## **Pre Visit Activities**

- Please divide the class into equitable groups of 4 or 5 and review our [What to Wear](#) guide
- Begin a Know, Wonder, Learn (KWL) chart based on what humans need to survive and bring with you to Forest Valley
- Make a comparison chart of human needs and human wants
- Relate the upcoming field trip to Understanding Structures and Mechanisms, Form and Function strand by exploring and investigating the various real-world engineering challenges (e.g., find the most efficient way to build a bridge that supports at least 4kg)
- Begin investigating heat loss and transfer challenges by testing various materials and then design and build a product that reduces heat loss
- Measure and collect data to inform decisions to develop and improve structures
- Explicitly teach the Mathematical process (e.g., problem solving, reasoning, and proving, reflecting, selecting tools and strategies, connecting, representing, communicating)
- Guided or shared reading of a novel/biographical account of survival

## **Post Visit Activities**

- Continue a Know, Wonder, Learn (KWL) chart based on what humans need to survive and bring with you to Forest Valley
- Students record reflections in their survival day journals
- Hike to a local ravine and have students find a spot alone where they can observe the natural world using all their sense (solo sit)

- Having been through the survival program, write post-visit responses about society's wants vs. human's needs Compare these reflections to the student's initial responses before the field trip
- Discuss techniques and strategies explore at Forest Valley and how these would apply to their daily lives
- Students revisit their reflections on how the concept of STOPP (Sit, Think, Observe, Plan, Proceed) might apply to their daily lives
- Relate the upcoming field trip to Understanding Structures and Mechanisms, Form and Function strand by exploring and investigating the various real-world engineering challenges (e.g., find the most efficient way to build a bridge that supports at least 4kg)
- Investigate heat loss and transfer challenges by testing various materials and then design and build a product that reduces heat loss
- Measure and collect data to inform decisions to develop and improve structures
- Explicitly teach the Mathematical process (e.g., problem solving, reasoning, and proving, reflecting, selecting tools and strategies, connecting, representing, communicating) and relate it to STOPP and the sacred order of survival
- Guided or shared reading of a novel/biographical account of survival