

Plan for OBL Workshop: Survival and Technology

Objective

Humans have had to solve problems and meet their basic needs in order to survive. We have used materials around us and technology to solve those problems.

Lesson Outline

Ice Breaker Activity

- Have the group try and line up the “ancient version” of technology to its modern-day equivalent, then figure out how to use the “ancient version”.

Introduction

- Brief greeting and welcome to the museum. A small introduction to the museum.
- Ask the group what kinds of needs humans have, how we solve problems to meet those needs, and the technology associated with those problems.
- Quick overview of the 3 problems to be discussed in the workshop
Either chosen by workshop leader or the group

Illumination

- Introduction to light and the need for artificial light in order to survive.
- Discuss the various ways we have created artificial light, and the evolution of that technology.
- Illumination hands on objects.

Clothing

- Introduction to clothing and the need for clothing in order to survive.
- Discuss the various ways we have created clothing, and the evolution of that technology.
- Clothing hands on objects.

Shelter

- Introduction to shelter and the need for shelter in order to survive.
- Discuss the various types of shelters and how we created shelters, and the evolution of that technology.
- Shelter hands on objects.

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Transportation

- Introduction to transportation and the need for transportation in order to survive.
- Discuss the various means of transportation, and the evolution of that technology.
- Transportation hands on objects.

Need for Writing

- Introduction to writing and the need for writing in order to survive.
- Discuss the development and variety of writing, and the evolution of writing technology.
- Writing hands on objects.

Tools

- Introduction to tools and the need for tools in order to survive.
- Discuss the development of tools and their various uses, and the evolution of tool technology.
- Tool hands on objects.

Conclusion

- Review of the problems discussed and what kinds of materials and technologies we have created in order to solve those problems so that humans can survive.
- Discussion on the Fall of Technology; would you survive if we lost technology?