



Lesson Plan Introduction

The HSBC Fraser River Sturgeon Project is a series of seven lessons aimed at students in grades 4 - 7. The goals of the project are to increase students' awareness of white sturgeon in the Fraser River, provide information on the sturgeon's characteristics and environment, and provide opportunities for students to become stewards of both the white sturgeon and the Fraser River. The lessons are available in English and French.

The lessons in this project connect with various prescribed learning outcomes that are described in the Science, Social Studies, Language Arts, and Fine Arts Integrated Resource Packages. These are identified in the 'Curricular Connections' documents. Also in this document are the various connections with the Social Responsibility Performance Standards.

The six lessons focus on different aspects of the Fraser River white sturgeon.

Lesson 1 - introduction that focuses on the anatomy and physiology of the white sturgeon

Lesson 2 - comprised of two sections. Part 'a' examines the worldwide distribution of sturgeon and the Fraser River watershed, while part 'b' concentrates on the early fishing techniques used by First Nations fishermen to catch sturgeon at the bottom of the Fraser River.

Teachers may choose to do one or both of these lessons.

Lesson 3 - life cycle of the white sturgeon in the Fraser River

Lesson 4 - historical uses of the white sturgeon by First Nations people

Lesson 5 - threats to the white sturgeon along the Fraser River

Lesson 6 - ideas for stewardship of sturgeon are presented on a poster or in brochure format

Each lesson is organized in the same manner. On the left hand side of page one, a brief introduction of the lesson is provided, along with objectives, curricular links, grade level, and materials. The specific instructions for the lesson begin with the 'Opening Motivator', then progress through a series of numbered sections for the main portion of the lesson (entitled 'Classroom Activities'). Since this program is designed for grades 4 -6, teachers may need to adapt the ideas or expectations based on the needs of their students. The main ideas and objectives of the lessons should nonetheless remain intact.

After the main activity of each lesson is complete, topics for a written reflection are provided. These may also be adapted to meet the needs of your students, and may focus on a different aspect of the lesson (depending on what happened in your class during the lesson). Teachers are encouraged to use the written reflections as a way to monitor student understanding and as a way to shape the subsequent lessons.

There are also various 'Extension Activities' at the end of each lesson. These ideas are optional and may provide opportunities for independent project work. Many of the ideas focus on Art, and can be used as individual, group or class art projects.

