



As Big As A... Sturgeon

Science – Grade 4-6

Students create a mural of a 10 foot sturgeon, then compare it to their own body size.

Materials:

- Wildlife Worksheet life-sized sturgeon (see following page)
- Pencils
- 30 pieces of 12" x 12" construction paper
- Black markers
- Tape measure
- 10 ft x 3ft area to hang the finished picture

Instructions:

1. Ahead of time: photocopy the sturgeon picture, number each square in numerical order, and cut out the squares.
 2. Divide the squares up among the students.
 3. Have students draw what is on their little square onto their 12" x 12" sheet. They should start drawing with a pencil. Have them write the number on the back (with the same orientation).
 4. When all the squares are completed, use the numbers on the back to arrange them into the picture, then tape them together.
 5. Have students create a title and some interesting sturgeon facts to display with the picture.
 6. Have students measure the length of the sturgeon and compare it to their own height. Compare your class sturgeon to record sturgeon lengths (around 20 feet). Measure out those lengths as well.
- ** Lesson Enhancement: Use the provided chart to make additional comparisons and develop estimates about the age and weight of the 10 foot sturgeon by graphing and making guesses.



BE OUTSIDE! BE ACTIVE!
PLAY!

WILDLIFE WORKSHEET

Life-Sized Sturgeon

The following chart is from the B. C. Frasier River White Sturgeon study program. Students could use it to compare their own lengths, weights, and age with those of a sturgeon.

WHITE STURGEON WEIGHT/AGE CHART

LENGTH (Ft.)	WEIGHT (Lbs.)	AGE (Yrs)
3'1"	15	9.4
3'3"	17	10.1
3'5"	20	10.8
3'7"	23	11.6
3'9"	27	12.4
3'11"	31	13.1
4'1"	35	13.9
4'3"	39	14.8
4'5"	44	15.6
4'7"	49	16.5
4'9"	55	17.4
4'11"	61	18.3
5'1"	67	19.9
5'3"	74	20.4
5'5"	82	21.4
5'7"	90	22.5
5'9"	98	23.6
5'11"	107	24.8
6'1"	116	26
6'3"	126	27.3
6'5"	137	28.6
6'7"	148	30
6'9"	159	31.5
6'11"	172	33
7'1"	185	34.7
7'3"	198	36.4
7'5"	212	38.2
7'7"	227	40.2
7'9"	243	42.3
7'10"	259	43.4
8'	276	
8'2"	294	
8'4"	312	
8'6"	332	
8'8"	352	
8'10"	372	
9'	394	

