

Title : Aggregate Crossword ACTIVITY # 13

time: 60m

Materials needed: student cross word / Aggregate word definitions



					1 S			2 C	3 R	U	S	H	E	D	R	O	C	K						
			4 I	M	P	A	C	T		E														
					F				5 C	O	N	C	R	E	T	E								
6 J	7 A	W	C	R	U	S	H	E	R									8 C						
	S					T			9 W	A	T	E	R	T	A	B	L	E						
	10 P	E	R	M	I	T		Y		M								M						
	H								11 A	G	L	I	M	E			12 P	E	A					
13 A	G	G	R	E	14 G	A	T	E		T								N						
L					R				15 N	I		16 M						T						
T					17 A	R	C	H	E	O	L	O	G	I	C	A	L							
					V				I			N						18 P	19 E					
	20 W	A	S	H	E	D			21 B	S				22 E	X	23 T	R	A	C	T	I	O	N	
					L				24 M	I	N	E			S		R			T		V		
									R						U		25 R					I		
			26 S						D						C		E		27 C			R		
	28 G		E					29 S	A	N	D			30 T		K		S		O		O		
	31 R	O	A	D	B	A	S	E						A		32 S	C	R	E	E	N		N	
	A		M					Y				33 P	X		34 B					R		V	M	
35 G	V				36 P		37 E	N	G	I	N	E	S	A	N	38 D		V		E		E		
Y		E			R					T		S		R		U		E		Y		N		
39 P	O	L	L	U	T	I	O	N							G		S		S		O		T	
S							F		40 D	R	A	I	N	A	G	E					T		R	
U							I																	
M	41 L	I	M	E	S	T	O	N	E															

Teaching suggestions

The puzzle will be difficult for some students to do alone especially if they have not been exposed to the terms before. Choose the method that works best for you.

- Crossword to be done with the Aggregate Word Definitions sheet
- Later in the lesson progression.
- Another method is to give the puzzle at the beginning and have students work on it ongoing.

Across

- 2 Large rocks are broken into smaller pieces.
- 4 How does a gravel pit _____ or change the environment near it.
- 5 Made from gravel, cement and water.
- 6 A large machine which crushes stones into smaller stones.
- 9 Underground water which might be damaged by a poorly planned gravel pit.
- 10 When the Ministry of Energy and Mines approves a mine, they issue a permit or license to start up.
- 11 Crushed limestone - used for growing things
- 12 ___ gravel is used on playgrounds.
- 13 Sand, gravel and crushed rock
- 17 Before a pit is dug, this sort of inspection is done to be sure there are no First Nations artifacts in the ground.
- 20 What we call rocks when they are cleaned with water.
- 22 To remove gravel from the ground.
- 24 What we call a large gravel operation.
- 29 Used in concrete, lawns and to make glass.
- 31 Grave used to build up the layers of a road.
- 32 Big sheets of mesh which separate large from smaller rocks.
- 37 Used to drop on the train tracks when slippery to give the wheels traction
- 39 Increases when gravel must be hauled from farther away due to truck motors
- 40 Gravel is used to improve water flow away from buildings.
- 41 An important part of concrete and used to clean air and water.

Down

- 1 If you are concerned about it, you will wear a hard hat in a gravel pit.
- 3 To turn an old gravel pit into something useful again.
- 7 Is produced when gravel is mixed with hot petroleum tar.
- 8 Mixed with gravel and water to form concrete.
- 14 Small rocks used in construction/roads.
- 15 Neighbors of gravel pits worry about this in the early morning or evening.
- 16 The Ministry of Energy and _____ approves gravel pit start ups.
- 18 The large hole where a gravel is taken out.
- 19 There are rules for gravel pits to protect the _____.
- 21 Small washed stones used for playground safety.
- 23 Used to haul gravel when barges and trains are not available.
- 25 Gravel deposits that are known but not dug up yet.
- 26 When gravel or sand occurs in a long band surrounded by other material.
- 27 Moves aggregate along a moving belt from one place to another.
- 28 Small rocks used to make concrete.
- 30 The farther you must haul gravel for your city the more _____ the people must pay.
- 33 Heaven is just a ___ away.
- 34 Is used to haul aggregate down a river or across a lake.
- 35 Used to make wallboard and medicines.
- 36 Difference between the cost of extracting/delivering gravel and what is paid for it.
- 38 People worry about this when they live near a pit

CLUES TO HELP WITH THE PUZZLE

1. use a pencil
2. do what you can do easily and move on
3. do all the downs then all the across
4. start over with questions that have clues
5. don't assume a word written down must be correct
6. a ___ means fill in the blank
7. what word would describe the clue. Think in more than one way
8. there may be more than one word in some answers

name _____

SCORING

41 Total _____ correct _____

A _____ - _____ B _____ - _____

C+ _____ - _____ C _____ - _____

C- _____ - _____ D _____ - _____