



# AGGREGATES TODAY-number find activity #14 game

Using the Aggregate Picture, find the numbers that show each of the following benefits and features of Aggregate Use and Mining today.

A A TEMPORARY USE OF THE LAND	B REGULATIONS	C WE CANNOT DO WITHOUT IT
Trees are replanted when aggregate is removed	Inspector for water quality - are the barges/mining putting silt into the water?	Rock fill to make the dyke strong
Wildlife are quick to return to reclaimed sites which are often better for wildlife	Forestry inspector to ensure the aggregate mine is not harming the forest	Rock fill of differing sizes supports the train tracks
Thousands of golfers use golf courses on reclaimed gravel pits	Gravel pits often water the dirt roads to keep the dust down	Concrete buildings use aggregate
Golf courses, pasture, playing fields and crop fields are often created from old	Fish and Wildlife Inspector makes sure the fish in the stream near the gravel pit are healthy	Roads and driveways often use gravel because it is inexpensive and is not muddy.
Lakes and ponds are often created in reclaimed gravel pits	Fish returned quickly to a stream that Columbia Bitulithic created in their gravel pit	Spawning mix - (rocks of different sizes) help make streams better places for fish
<b>E MINING/MOVING AGGREGATE</b>	Covers on trucks stop the aggregate from falling off or blowing away while travelling	Sidewalks use aggregate in the concrete
Trains haul aggregate cheaply with less pollution for long distances	Road inspector ensures that the gravel and road mix is the proper quality for a good road	The base of sidewalks is also rock and sand
Large trucks move a lot of aggregate to construction sites	<b>D WE NEED A LOCAL SUPPLY</b>	Asphalt shingles contain sand
Barges can move huge loads of aggregate on water with little pollution	Many workers depend on aggregate for their jobs	The footings/foundations of houses use aggregate in the concrete
Huge shovels can load trucks, barges and trains quickly	Concrete plants are often located in gravel pits because the gravel does not have to be transported	Drain rock around building foundations helps keep water away from the footings/basement
Large trucks dump rough material into the crusher for sorting		Concrete retaining blocks use aggregate
The crusher creates smaller rocks from large ones		Sand is used in the sand traps of golf courses
Screens sort the rocks by size		Gravel is used around sewer pipes
Front end loaders dig the aggregate out of the ground and load trucks and		Concrete sewer pipes need aggregate
Sand is an important aggregate can be moved with conveyors onto huge piles		Asphalt roads need aggregate in them to make them last long
Conveyors move each size of screened rock onto piles		The road base of roads contains various kinds of aggregate for strength and proper drainage.
		<b>S 31</b>