

Be prepared to be amazed. Challenge yourself. Be creative and use your imagination.

# NEWS FLASH

## Snow Investigation Awesome Machines

Did you know? Extreme Snowfall Facts

### Valdez, Alaska

- Average annual snowfall: 326.3 inches ([America's snowiest city](#))
- 100 inches of snow on the ground twice in the same year (1990).
- [Roofs collapsed and snow invaded homes in January 2012.](#)

Can you find more extreme snowfall facts to amaze us all!

Snow Plough  
and Snow  
Blowers

Diggers

Ice breakers

## Awesome Snow Clearing Machines...



Have fun.  
Think big.  
Take time to  
plan your  
machine and  
include as  
much detail as  
possible.

### Snow Day Challenges...

- Design your very own amazing machine. Remember to illustrate your design detailing all your ideas.
- Make a 3D Model of your machine. (You can use anything lego, knex, junk modelling or an app to create a key component of your machine.)
- Make a TV or radio advert (script or film) to sell your machine.

Remember to bring your work to school. We will hold an AWESOME machines exhibition.

Snow Blowing  
Trains



## Help!

### What is The Everything Machine?

This is an educational tool intended for kids ages 9 to 11. It introduces you to the use of power to build neat machines that do different things. With a simple interface, you can drag parts to the building board and connect them to each other. Add inputs, flip switches, insert logic gates, and attach your final output.

<http://appadvice.com/appnn/2015/08/let-your-kids-invent-and-build-with-the-everything-machine>

### Wonderville Robot Factory – Build your own robot

<http://www.wonderville.ca/asset/robot-factory>



#### Machine World By Trino AB

##### Description (App)

Drive, fly and operate cool machines that behave like the real thing - in Machine World! Machine World is a big sandbox on your iPad, 13 different machines to learn to operate and have fun with! (Among others: Excavator, Bulldozer, Mobile Crane, Dumper, Rescue Helicopter, Ferry, Semi truck + trailer, Freight Ship...) In Machine World your imagination is the limit. Build houses or other structures using the cranes and semi trailer. Dig anywhere with the excavator and the terrain will deform: create holes, trenches or hills. The roads are also destructible! There are lots of details in the world: An opening bridge with gates and signals, lots of props like cones and road blocks - strobe lights on vehicles and lots of objects to build with.

##### Ideas to get you started

You can use anything. Old toys e.g. digger, boat, train etc.

#### My Learning

##### Amazing Facts

##### New Learning

#### Experiences and Outcomes