**Lesson 25**

**Intro to Scale Factor**

**SS4: Draw and interpret scale diagrams of 2-D shapes.**

**Today we begin our study of scale diagrams. Think of it like this. The smartboard is an ENLARGEMENT of my laptop screen. The PowerPoint handouts I give you are a REDUCTION of my computer screen. The Sussex KOA drive in theatre shows an ENLARGEMENT of the film and the actors. The tv screen is a REDUCTION of the actors in real life. We know that when we copy and paste and stretch pictures, sometimes they look different. We call that a distortion because it is not proportionate to the original. The scale factors of the corresponding sides are not equal.**

1. **Open your notebooks to a clean page and number it page 66.**
2. **Make your own graph paper if you do not have any. (Draw vertical lines on your loose-leaf- creative problem solving 😊).**
3. **Watch actively the video.**

<https://www.youtube.com/watch?v=s2clB7FqZJE&feature=youtu.be>

Remember, if you ever have any questions, comments or concerns, we are only an email away.

[Stacey.hayes@nbed.nb.ca](mailto:Stacey.hayes@nbed.nb.ca) [Luke.hopper@nbed.nb.ca](mailto:Luke.hopper@nbed.nb.ca)