**Part I-Transversal Vocabulary**

***LT: I can make conjectures regarding the relationships and measurements of the angles created when 2 parallel lines are cut by a transversal (8G5A)***

**Visit the website** <http://www.learnalberta.ca/content/mejhm/index.html?l=0&ID1=AB.MATH.JR.SHAP&ID2=AB.MATH.JR.SHAP.ANG&lesson=html/object_interactives/parallel_lines/use_it.html>

**Click on:** **EXPLORING PARALLEL LINES OBJECT INTERACTIVE.** (collect the tokens and drive to the pet store).

**Record your work here(examples etc.)**

**Part II.-Angle Sum Theory**

***LT: I can apply my knowledge of the angle sum and exterior angle of triangles to calculate missing angle measures(8G5C)***

**Visit the website** <http://www.learnalberta.ca/content/mejhm/index.html?l=0&ID1=AB.MATH.JR.SHAP&ID2=AB.MATH.JR.SHAP.ANG&lesson=html/video_interactives/angles/anglesInteractive.html> 

**Part III-INDIRECT MEASUREMENT (NEW)**

***LT: I can justify that 2 triangles are similar comparing corresponding angle measures 8.G5B***

**Visit:** <http://www.virtualnerd.com/geometry/similarity/triangles/indirect-measurement-example>

**Watch the video.**

**Visit:** <https://www.ket.org/scalecity/louisvillesluggermuseum.html>

**Click:** SIMILAR SHADOWS ACTIVITY

**Turn in the WEBQUEST when you are finished.**

**Please get a copy of the homework (review)**