

## Authentic Intellectual Work

**Teacher – Maassen**

**Subject - math**

**Grade – – 8<sup>th</sup> grade**

**Lesson – An Architect Needed**

**IC Essential Skills/Concepts –Understand, determine, and apply area of polygons**

**Two H.O.T. questions to structure conversations in your classroom – How would you decide the length of the top line? What might happen if we found the area of the whole figure and then subtracted out the empty spaces?**

**Introduction/Background – Students have a wide variety of experience in finding area of many figures. This lesson puts it all together and asks them to apply what they already know.**

**Task – (Can attach)**

See attached.

**Bring any supporting documents that will assist students in completing this task such as; rubrics, additional handouts, graphic organizers, Viking Pride in writing, etc.**