

# Locust Grove Public Schools

## *Distance Learning*

### *Geometry*

*May 4 - 8*

**Send completed work to**

**[tmayes@lg.k12.ok.us](mailto:tmayes@lg.k12.ok.us)**

*“Once you have completed an assignment take a picture of it and send it to me in an email. In the Subject Line put your NAME so I can record that you completed it.”*

*Review topic 5 week 5*

*This week we will learn to “Inequalities in triangles”. Your work is in the Geometry packet that you have either received on paper or are viewing online or perhaps you have downloaded it.*

*Please follow the directions in the packet. Read over the directions and example problems for finding basic angle relationships and finding a distance or a midpoint.*

*The video link will be helpful but you can do the problems without watching the video.*

*Search “**triangle inequality theorem khan academy**” or use*

*<https://www.khanacademy.org/math/geometry/hs-geo-foundations/hs-geo-polygons/v/triangle-inequality-theorem>*

*If you find these videos helpful you might consider watching the next in the series for enrichment.*

*The packet has 31 problems I would like for you to do on a separate sheet of paper over the course of the week. Remember this is your assignment for the entire week so you don't have to do it all at once. Once you have completed the assignment take a picture of it and send it to me in an email. In the Subject Line put your NAME so I can record that you completed it. Remember your grade can only go up so even if you can't finish, send me a pic of what you have got done.*

*For Students that want more of a challenge please skip ahead in your packets to the ENRICHMENT section of your packet and do ENRICHMENT topic 5 week 5 “**Arcs and Chords**”*

*The same directions apply.*

*Here are the links*

*Search “**arcs and chords circles/geometry moomoo**” or use*

*[https://www.youtube.com/watch?v=0xr\\_aRf0tf0](https://www.youtube.com/watch?v=0xr_aRf0tf0)*