Learning Plan Document for Off-Site Course Description and WINGS

Grade Level	High School
Class Title	Geometry 1-2
Subject	Geometry
Class Description	Prerequisite: Successful completion of Algebra 1-2 This class meets the graduation requirement for the State of Washington and Kennewick School District and meets at least one Common Core Standard. This course is a yearlong course for 2020-2021. Students who successfully complete the course have the potential to earn 1.0 credit. Students enrolled in Geometry will enhance their logical reasoning and spatial visualization skills, which will be needed in higher level math classes and everyday life. This course is a study of proofs in geometric settings followed by applications relating to areas, perimeters, circumference, and angle measures of various polygons and circles. Some study is done in relation to spatial topics such as prisms, pyramids, spheres, cylinders, and cones. Also included is a section on coordinate geometry and a review of selected algebraic topics as they relate to the study of geometry. This class will work toward one or more of the Washington State K-12 Learning Standards for Mathematics. This will be a year-long class, spanning the 2022-2023 school year. The estimated hours for this class are 5 hours per week. State Cedars Code: 02053 This Remote class is overseen by Karen Bennett.
Learning Materials	Apex and Alex on line courses for off-site learning are a complete curriculum. Other off-site learning materials follow district adopted materials.
Learning Goals/Performance Objectives	The content is based on the National Curriculum area of Mathematics: Teachers Association and is aligned to state standards. G.1.A Distinguish between inductive and deductive reasoning. G.1.B Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample. G.1.C Use deductive reasoning to prove that a valid geometric statement is true. G.1.D Write the converse, inverse, and contrapositive of a valid proposition and determine their validity. G.1.E Identify errors or gaps in a mathematical argument and develop counterexamples to refute invalid statements about geometric relationships. G.1.F Distinguish between definitions and undefined geometric terms and explain the role of definitions, undefined terms, postulates (axioms), and theorems.

	A team of certificated teachers who are highly qualified in this subject matter has reviewed this WSLP. This is just a sample of learning goals. Other learning goals are available to view by going to OSPI's website. https://www.k12.wa.us/student-success/learning-standards-instructional-materials
Learning Activities	Students will learn and practice new lessons, use appropriate tools to solve problems, and apply learning.
Progress Criteria/Methods of Evaluation	Monthly assessments will be provided by the teacher to the student to indicate satisfactory or unsatisfactory progress based on a schedule for completion of assignments and accuracy of work products. Final Grading: Course grades are weighted towards summative tests in the courses. 90-100 A [93-100=4.0, 90-92=3.7] 89-80 B [B+ 87-89=3.3, B 83-86 = 3.0, B- 80-82=2.7] 79-70 C [C+ 77-79=2.3, C 73-76=2.0 C-70-72=1.7] 67-69 D+ 60 – 66 D Below 60 = NC no credit for failing course Online courses for a proficient passing grade may vary according to course completion. Your APEX/Aleks and off site HQ will work to establish norms per on line product.