BHS Jayanagar
Proposed plan of work in ICT-integrated classes

Current topic: Euclid's Axioms, Postulates and Theorems

Completed (Aug 3rd and Aug 10th)	Introduction to angles Basic Introduction to students for Geogebra	Geogebra led demonstration followed by student worksheets
Aug 17th	1. Introduction to angle pairs 2. Demonstration of all the Euclid's rules using Geogebra 3. Introduction to vertically opposite, complementary and supplementary angles 4. Demonstration of Euclid's axioms using Geogebra files	1. Students will examine sketches and identify angles as acute/ obtuse, etc 2. Students will examine if angle length determines angle size 3. For the verification of rules using Geogebra students will record their observation using worksheets 4. Hands-on activity for complementary and supplementary angles 5. Geogebra demonstration for complementary and supplementary angles
Aug 24th	1. Illustration of propositions for students explore the Geometry 2. Demonstration of selected problems from the textbook using Geogebra (to be identified by the teacher)	1. For the verification of rules using Geogebra students will record their observation using worksheets 2. Students will work through the problems using Geogebra to illustrate and animate the problem.
Aug 31st	1. Introduction to parallel lines and angles formed through the intersection of parallel lines 2. Demonstration of Euclid's fifth postulate	1. With the help of additional problems and worksheets, students will work through the results.

Further activities/ to be followed up

1. In addition to this, we will work with the computer teacher for her to introduce Geogebra in the computer classes for the students. This will be planned, in consultation with the mathematics teacher.

2. Discuss the next topic to be introduced and identify areas of support/ providing resources.

3. Explore if one of the FA for the first term can be done using Geogebra – on the basics of plane geometry