

BA SANGAM COLLEGE
YEAR 9
BASIC TECHNOLOGY
WORKSHEET 1

Subject: Basic Technology	Year/Level: 9	
Week: 1	Lesson 1	Date:
Topic: Geometry (Circles)		

LESSON PREPARATION:

- Prepared lesson notes
- Prepared follow up work

PREVIOUS LEARNING/PRIOR KNOWLEDGE:

Students have prior knowledge on the term circle, how it looks, and the parts as they have learned it from their year 7 and year 8 coverage.

LESSON OBJECTIVES:

At the end of the lesson, students should be able to:

- Understand the term circles and its characteristics.
- Identify the parts of a circle.
- Differentiate the two types of circles.

LESSON NOTES:

STUDENTS ACTIVITY:

- Label the parts of the circles.

- Differentiate concentric circles and eccentric circles.

Reference:

Year 9 Basic Technology Textbook, Year 9 Basic Technology Workbook, MEHA.

INDUSTRIAL ARTS DEPARTMENT LESSON PLAN

Subject: Basic Technology	Year/Level: 9	
Week: 1	Lesson 2	Date:
Topic: Geometry (Division of circles)		

LESSON PREPARATION:

- Prepared lesson notes
- Prepared follow up work

LESSON OBJECTIVES:

At the end of the lesson, students should be able to:

- Identify the method used to divide the circle into number of parts.
- Divide the circles into different number of parts.

TEACHING RESOURCES:

- Lesson notes

FOLLOW UP WORK:

- Students activity

LESSON NOTES:

STUDENTS ACTIVITY

- Given: A circle
Required: Divide the circle into twelve equal parts.
- Given: A circle
Required: Divide the circle into five equal parts.

Reference:

Year 9 Basic Technology Textbook, Year 9 Basic Technology Workbook, MEHA.

INDUSTRIAL ARTS DEPARTMENT LESSON PLAN

Subject: Basic Technology		Year/Level: 9	
Week: 1	Lesson 3		Date:
Topic: Geometry (Locating center of arcs and completing circles)			

LESSON PREPARATION:

- Prepared lesson notes
- Prepared students activity

LESSON OBJECTIVES:

At the end of the lesson, students should be able to:

- Locate the center of the arcs.
- Complete the circle.

TEACHING RESOURCES:

- Lesson notes

FOLLOW UP WORK:

- Students activity

LESSON NOTES:

STUDENTS ACTIVITY:

- Given: An arc
Required: Locate the center of the arc and complete the circle.

- Given: The three points
Required: Circumscribed a circle through the three given points.

Reference:

Year 9 Basic Technology Textbook, Year 9 Basic Technology Workbook, MEHA.