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|  | **Lesson Plan Template** | | | | | | | | | | | |
| **Teacher’s Name -** | | **Date** | **Class** | **Subject** | | **Topic ……………………………………** | |  | | **Time Duration**  **4 35 mins x no of pds =** | | |
|  | |  | **4th** | **Maths** | | **CHAPTER 11- Geometry** | |  | | **35 min. × 8 PERIODS =280 mins.** | | |
|  | **Content :** | | | | | | | | | | | |
| **Concept :-** | |  | **Important Facts – ( Teaching Points ),Skills Developed – i) Subject Skills, ii) Life Skills – Thinking , Social , Emotional Skills** | | | | | | | | | |
| **Concept Identified**  **DRAWING A CIRCLE, CENTRE, DIAMETRE, RADIUS, CHORD, ARC, CIRCMFERENCE, SEMI- CIRCE** | | **( Teaching Points )** | | | **– i) Subject Skills** | | **ii) Life Skills – Thinking , Social Skill** | | **CBSE Values** | | **AWES Core Values** | **Integration with other topics/subject areas** |
| **i)Sub Concept**  Drawing a circle | | Adjustment of compass and pencil. | | | Describing  Recognizing | | Critical thinking  Problem solving | | Self discipline  Personal Responsibility | | Creative Thinking | English – Vocabulary,  Description. |
| **ii)Sub Concept**  **Terminology related to circle** | | Centre, diameter, radius, chord, arc circumference, semi – circle. | | | Creating  Identifying  Sketching  Labeling | | Communication | | Interrelation | | Integrity | Environmental Science – Shape of Objects |
| **iii)Sub Concept**  **Relation between Radius and Diametre** | | Formula of Radius and Diametre | | | Describing  Labeling | | Communication  Problem solving | | Personal responsibility | | Self  Direction | Mathematics- Geometry |

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***\** Integration with other topics/subject areas in detail :**

* **Environmental Science :**
* Understanding the shape of objects.
* **MATHEMATICS :**
* Measurements for finding radius and diameter of circular shape.
* Interrelating the circle with symmetry.
* **ENGLISH :**
* Children would be able to learn new terminologies, Chord, Arc, Circumference, etc hence there vocabulary would increase
* While writing answers children would be able to construct sentences in English with correct Grammar and Punctuation

**Challenges of the concerned Chapter:**

* Making the children understand about the Diameter, Radius, Chord, Circumference, Semicircle.



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| **Goals / General Objectives :** | |
| **Goals**  **(General Objectives** ) :-    Circle | To develop understanding of the Circle.  To understand the terms related to the Circle. |
| **b) Objectives / Outcomes :-** (Behavioral indicators /Performance ) | **AFTER THE COMPLETION OF THE LESSON LEARNER WILL BE ABLE TO UNDERSTAND**   * Analyze New terms like, Centre, Chord, Radius, Arc, Circumference, Semi- circle. * Enlist parts of Circle * Recognize and identify different terms of Circle * Explain the structure of Circle. |
| **Procedure Methods :-main points.** | |
| **Methods** | **Instructional strategy used.** |
| **c) Check for previous knowledge** | QUESTION /ANSWERS STRATEGY  Example :  What is Circle?  What is the difference between Diameter and Chord?  What is an Arc? |
| **d) Introduction / Motivation / Set Induction :-** | Looking around us we see multiple things which are circular in shape, such as Bangles, Coins, Bottle cap etc, when we draw an outline of all these objects, we get the shape of Circle. |



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| **Concept**  **& Sub concepts**  **(Sequencing and organization of concepts .)** | **Instructional Strategies**  **(Modeling/Explanation/Demonstration /Effective strategies used )** | **Task /Activity**  **Resources required /**  **Teaching Learning Materials required**  **(Innovative Pedagogy on part of teacher/students)** | | **Assignments given ( CW /HW)** |
| **Concept Identified**  **Drawing of Circle** | **Instructional Strategies**  Lecture and demonstration | **Activity**  Students will use thread an stick it on the drawn circle. Multiple colors of thread will be use to represent circumference, arc, chord diameter and radius. | **TLMS**  Thread of different colours. | Identify different objects which are circular in shape. |
| **i)Sub Concept**  **Terms related to circle.** | **Instructional Strategies**  Direct – Lecture, Demonstration | **Activity**  Teacher will draw different shapes to present different terms. | **TLMS**  Whiteboard and Marker. | MCQ’s |
| **ii)Sub Concept**  **Relation between Diameter and Radius.** | **Instructional Strategies**  Drill and practice | **Activity**  Explanation with the help of board. | **TLMS**  Whiteboard and Marker. | Well labeled diagram |
| **iii)Sub Concept**  **Difference between Diameter and Chord** | **Instructional Strategies**  **Direct Instructions - Demo** | **Activity**  Explanation with the help of board. | **TLMS**  Whiteboard and Marker. | Well labeled diagram |

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| **Concepts & Sub concepts covered** | **Tools & Techniques applied for Formative Assessment .** | **Activity Chosen**  **& Time duration :-** | **Activity conducted /Assignments**  **For Formative Assessment**  **( Assessment For/As Learning )** | |
| **Concept Identified**  **Drawing of Circle** | **Observation- Participation** | **Activity Chosen : Drill and Practice**  **Gp/Individual:- Individual**  **Time duration :-10 min** | **Class Assignment**  **Drill and Practice** | **Home Assignment**  **Question /answer**  **Draw a circle with the help of Compass.** |
| **i)Sub Concept**  **Terms related to Circle** | **Application of concept-**  **Diagram based**  **Observation-assignment** | **Activity Chosen : Observation**  **Gp/Individual:-individual**  **Time duration :-15 min** | **Class Assignment**  **Questioning**    **Quiz on terms of Circle** | **Home Assignment**  **Identify and mark the terms in Circle.** |

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| logo modified full**Recapitulation :** | | **DRAWING OF CIRCLE** | | | | | |
|  | | | | | | | |
| **Li**  **Resources**  **Used In Lesson** | **Li Library Resources** | | | **R Resources from Teacher Resource Centre** | | | |
| Cbse.nic.in | | |  | | | |
| **Resources From**  **Educational websites:-** | **Source -(Open Education Resources)Portal** | | **Website URL** | | **Resource Acquired-** | | |
|  | |  | | **PPTS/ Videos/ Audios/ e- books/**  **Articles/ Journals Digital stories** | **Classs/Project Worksheets**  **For Students** | **Assessment Worksheets**  **For Students** |
| google.com | | *https://www.youtube.com/watch?v=qmpd82mpVO4* | |  | | |
| Khanacademy.com | |  | | MCQ ,ASSESSMENT WORKSHEET FOR STUDENTS | | |
| google.com | | https://www.google.co.in/search?q=human+heart | | ***AWES All Copyrights reserved*** | | |



**Reflection as a Teacher: - *AWES All Copyrights reserved***

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| **What response did your learners show to Learning?** | **As a teacher what were the great Teaching moments for you in this lesson ?** | **As a teacher what were the not so good Teaching moments for you in this lesson ?** | **In case there was any gaps where were the gaps ?** | | **Were there any gaps in Students Learning ?** | **How do you intend to improve that gap ?** | **What remedial measures will you take to support Learners ?** |
| Excellent | The learners were very excited to know more about heart | Could not perform as per the lesson plan due to time constraints | Was the gap in Lesson planning?  NO | | Only in case of a few slow learners | By taking remedial classes during assembly time and stay back. | By coming down to the level of a learner |
| Very Good |  |  | Yes | No |  |  |  |
|  | |
| Moderate |  |  | Was the gap in Lesson Delivery?  NO | |  |  |  |
| Less Interested/Less Engaged . |  |  | Was the gap in conducting Activities for Formative ?Assessment ?  YES, Due to time constraints. | |  |  |  |
| **Any Observations/ Remarks** |  | | | | | | |
| **Principal’s Sign:-**  **Any Remarks** |  | | | | | | |