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| Period | 1 | Chapter:6 | Sets |
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| Class | VIII | Subject | Mathematics | Plan | |
| Sub-Concept | | Review, Representation of a set, Set Builder Form | | | |
| Teaching Aids to be used | | Audio-Visual Aids with CCRE | | | |

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| Learning outcomes | Students will be able to know about sets and representation of a set. |
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| SLNO | Step Wise (What to be done) |
|------------------------|--|
| 1. Introduction | ➤ Brief introduction about sets and its representation |
| 2.Pre | Representation of sets |
| | 1.Roster form 2.Set builder form |
| 3.Evl | Evaluation Questions Ex 6A – one bit from each problem |
| 4.HW | Ex 6(A) and AHA as follows |
| 5.AQ | 1. Explain with an example of roster form of sets. |
| | 2. Explain with an example of set builder form of sets. |

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**AHA- Additional Home Assignments (to be given to toppers)

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| Class | VIII | Subject | Mathematics | Plan | |
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| Period | 2 | Chapter:6 | Sets |
| Sub-Concept | | Cardinal number of a set ,Types of sets | |
| Teaching Aids to be used | | Audio-Visual Aids with CCRE | |
| Learning outcomes | Students will be able to know about cardinal number of a set ,types of sets | | |

| SLNO | Step Wise (What to be done) |
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| 1.Int | Cardinal number of a set |
| 2.Pre | Types of sets |
| 3.Evl | Evaluation Question: Exercise-6(B)- 1 to 4 |
| 4.HW | Ex 6(B) - 5 to 9 and AHA as follows |
| 5.AQ | 1. What is empty set? Give an example. |
| | 2. What are equivalent sets? Give an example. |
| | 3. What are equal sets? Give an example. |

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**AHA- Additional Home Assignments (to be given to toppers)



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| Class | VIII | Subject | Mathematics | Plan | |
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| Period | 3 | Chapter:6 | Sets |
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| Sub-Concept | Subset, Proper subset, Super set, Universal set and complement of a set |
| Teaching Aids to be used | Audio-Visual Aids with CCRE |

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| Learning outcomes | Students will be able to know about Subset, Proper subset, Super set, Universal set and complement of a set |
| SLNO | Step Wise (What to be done) |
| 1.int | Subset, proper subset https://www.youtube.com/watch?v=sMb4Aupn-ek |
| 2.Pre | Discuss Exercise 6(C) Q. No. 1,2,4 and 5(one bit from each) |
| 3.Evl | Evaluation Question Exercise 6(C) Q. No. 3 |
| 4.HW | Ex 6(C) |

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| Class | VIII | Subject | Mathematics | Plan for | |
| Period | 4 | Chapter:6 | Sets | | |
| Sub-Concept | Set operations, Difference of two sets, Distributive laws | | | | |
| Teaching Aids to be used | Audio-Visual Aids with CCRE | | | | |
| Learning outcomes | ➤ Students will be able to understand about operation of sets | | | | |
| SLNO | Step Wise (What to be done) | | | | |
| 1.int | operation of sets https://www.youtube.com/watch?v=jAfNg3yIzAI | | | | |
| 2.Pre | Discuss Exercise 6(D) Q No.-1,2 | | | | |
| 3.Evl | Evaluation Question Ex. 6(D) Q. No. 3 bit (ii) and (iii) | | | | |
| 4.HW | Exercise- 6(D) Q No- 4 to 7 | | | | |
| 5.AQ | Exercise- 6(D) Q No- 8 and 9 | | | | |

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| Class | VIII | Subject | Mathematics | Plan for | |
| Period | 5 | Chapter:6 | Sets | | |
| Sub-Concept | | | Venn-Diagram | | |
| Teaching Aids to be used | | | Audio-Visual Aids with CCRE | | |
| Learning outcomes | | <ul style="list-style-type: none"> ➤ Students will use a Venn diagram to compare and contrast information and recognize relationships between concepts. | | | |
| SLNO | Step Wise (What to be done) | | | | |
| 1.int | Venn diagram | | | | |
| 2.Pre | Discuss Exercise 6(E) Q. No. 1,2 | | | | |
| 3.Evl | Evaluation Question Ex. 6(E) Q. No. 3 | | | | |
| 4.HW | Exercise 6(E) -1 to 6 | | | | |

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| Class | VIII | Subject | Mathematics | Plan for | |
| Period | 6 | Chapter:6 | Sets | | |
| Sub-Concept | | | More problem solving on the above concept | | |
| Teaching Aids to be used | | | Audio-Visual Aids with CCRE | | |
| Learning outcomes | | <ul style="list-style-type: none"> ➤ Students will use a Venn diagram to compare and contrast information and recognize relationships between concepts. | | | |
| SLNO | Step Wise (What to be done) | | | | |
| 1.int | Exercise 6(E) Q. No. 7,8 | | | | |

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| 2.Pre | Discuss Exercise 6(E) Q. No. 9 |
| 3.Evl | Evaluation Question Ex. 6(E) Q. No. 10 |
| 4.HW | Exercise 6(E) -7 to 11 |

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|---------------------------------|---------------------------------------|--|-------------|-----------------|--|
| Class | VIII | Subject | Mathematics | Plan for | |
| Period | 7 | Chapter:6 | Sets | | |
| Sub-Concept | | Recapitulation of the chapter | | | |
| Teaching Aids to be used | | Audio-Visual Aids with CCRE | | | |
| Learning outcomes | | 1. Students will be able to know about sets and representation of a set 2. Students will be able to know about Subset, Proper subset, Super set, Universal set and complement of a set 3. Students will use a Venn diagram to compare and contrast information and recognize relationships between concepts | | | |
| SLNO | Step Wise (What to be done) | | | | |
| 1.int | Ex. 6(D) Q. No. 3 bit (ii) and (iii) | | | | |
| 2.Pre | Discuss Exercise 6(E) Q. No. 1,2 | | | | |
| 3.Evl | Evaluation Question Ex. 6(E) Q. No. 3 | | | | |
| 4.HW | Chapter-6 | | | | |

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