LEARNING OUTCOMES FOR AUGUST PLANNER(IX -PHYSICS):

PERIOD 1
The students will be able to:
1) know about the universal law of gravitation and gravitational constant
2) learn about the importance of universal law
3) recall the story of famous scientist Newton who discovered the law of gravitation

PERIOD 2
1) analyse and calculate the value of the gravitational constant
2) Calculate the gravitational force using the data given in the numericals.

PERIOD 3
1) differentiate between gravitational force and acceleration due to gravity
2) explain the concept of free fall like bungee jumping

PERIOD 4
1)relate the concept of free fall and acceleration due to gravity
2)derive the equation of acceleration due to gravity

PERIOD 5
1) apply scientific concepts in solving problems
2)recapitulate the topics covered
3)practice various forms of questions

PERIOD 6
1) apply scientific concepts in solving problems
2)recapitulate the topics covered
3)practice various forms of questions

PERIOD 7
1)recall the first and second equation of motion
2)relate it with equation of freely falling bodies
3)derive the first and second equation of motion for freely falling bodies

PERIOD 8
1)derive the third equation of motion for freely falling bodies
2) practice various forms of questions based on equations of motion for freely falling bodies

CLASS IX –PHYSICS(AUGUST 2020)						
Sunday	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
26	27	28	29	30	31	1
2	**3**	**4** **TOPIC-Gravitation** Universal law will be explained including its derivation	**5**	**6** **TOPIC-Universal gravitational constant-** its features will be explained	**7**	8
9	**10** **TOPIC-Free fall** Video will be shown to explain the concept	**11**	**12**	**13** **TOPIC-Acceleration due to gravity** Method of calculation will be explained	**14**	15
16	**17** **TOPIC-Universal law,free fall** Numericals will be done	**18**	**19**	**20** **TOPIC-Acceleration due to gravity** Numericals will be done from NCERT	**21**	22
23	**24**	**25**	**26**	**27**	**28**	29

		Topic- Equations of motion for freely falling bodies Ist and IInd equation will be derived		**Topic- Equations of motion for freely falling bodies** IIIrd equation will be derived including questions		
30	**31**	1	2	3	4	5