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| МКОУ Андийская средняя общеобразовательная школа №2 им. Казаналипова М.Р.   |  |  |  | | --- | --- | --- | | *Рассмотрено:* | *Согласовано:*  *Заместитель директора по УВР* | *«Утверждаю Директор МКОУ*  *Анди СОШ №2* | | *Руководитель ШМО*  *Ибрагимова П.Ш.* | | */ Магомедов У.М./*  *Приказ № 68 от 31. 08 .2022г.* | | *Ибрагимов М.Г.* |   ***Рабочая программа***  ***По ФИЗИКЕ***  ***9 класс***  **Предмет:** ФИЗИКА  **Класс:** 9  **Уровень:** базовый  **Срок реализации программы:** 2022-2023  **Учитель Ханапов У.М.**  **Планирование составлено на основе:** Рабочая программа учебного предмета «ФИЗИКА» составлена на основе Федерального государственного образовательного стандарта основного общего образования (второго поколения)  **Учебник:** Физика учебник для 9 кл.  Автор Кабардин О.Ф  **Количество часов:** всего – 68ч, 2 часа в неделю  **Тематическое планирование уроков физики в 9 классе по учебнику:**  **Физика 9 О.Ф КАБАРДИН 2 ч/нед.Всего 68 ч.**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | №  урока | | | | Д\З | Темы уроков | часы | |  | | |  |  |  |  | | 1 | | |  |  | Вводный инструктаж .МЕТОДЫ НАУЧНОГО ПОЗНАНИЯ | 1 | | 2 | | |  |  | ФИЗИЧЕСКАЯ КАРТА МИРА | 1 | | 3 | | |  |  | СИСТЕМА ОТСЧЕТА ИКООРДИНАТЫ ТОЧКИ | 1 | | 4 | | |  |  | РАВНОМЕРНОЕ ДВИЖЕНИЕ | 1 | | 5 | | |  |  | РАВНОУСКОРЕННОЕ ДВИЖЕНИЕ.МГНОВЕННАЯ СКОРОСТЬ | 1 | | 6 | | |  |  | ПУТЬ ПРИ РАВНОУСКОРЕННОМ ДВИЖЕНИИ | 1 | | 7 | | |  |  | РЕШЕНИЕ ЗАДАЧ | 1 | | 8 | | |  |  | ЛАБОРАТОРНАЯ РАБОТА №1 «Определение ускорения при равноускоренном движении | 1 | | 9 | | |  |  | Равномерное движение по окружности | 1 | | 10 | | |  |  | Относительность механического движения | 1 | | 11 | | |  |  | **Решние задач «Механическое движение»** | 1 | | 12 | | |  |  | КОНТРОЛЬНАЯ РАБОТА №1 по теме «КИНЕМАТИКА» | 1 | | 13 | | |  |  | ПЕРВЫЙ ЗАКОН НЬЮТОНА | 1 | | 14 | | |  |  | ВТОРОЙ ЗАКОН НЬЮТОНА | 1 | | 15 | | |  |  | СИЛЫ В ПРИРОДЕ. РЕШЕНИЕ ЗАДАЧ | 1 | | 16 | | |  |  | СЛОЖЕНИЕ СИЛ | 1 | | 17 | | |  |  | ЛАБОРАТОРНАЯ РАБОТА №2 «СЛОЖЕНИЕ СИЛ,НАПРАВЛЕННЫХ ПОД УГЛОМ» | 1 | | 18 | | |  |  | ТРЕТИЙ ЗАКОН НЬЮТОНА. | 1 | | 19 | | |  |  | **РЕШЕНИЕ ЗАДАЧ** | 1 | | 20 | | |  |  | ЗАКОН ВСЕМИРНОГО ТЯГОТЕНИЯ | 1 | | 21 | | |  |  | ДВИЖЕНИЕ ТЕЛПОД ДЕЙСТВИЕМ СИЛЫ ТЯЖЕСТИ | 1 | | 22 | | |  |  | РЕШЕНИЕ ЗАДАЧ | 1 | | 23 | | |  |  | ДВИЖЕНИЕ ПЛАНЕТ И СПУТНИКОВ | 1 | | 24 | | |  |  | РЕШЕНИЕ ЗАДАЧ. | 1 | | 25 | | |  |  | КОНТРОЛЬНАЯ РАБОТА №2 | 1 | | 26 | | |  |  | ЗАКОН СОХРАНЕНИЯ ИМПУЛЬСА | 1 | | 27 | | |  |  | РЕШЕНИЕ ЗАДАЧ «ЗАКОН СОХРАНЕНИЯ ИМПУЛЬСА» | 1 | | 28 | | |  |  | КТНЕТИЧЕСКАЯ ЭНЕРГИЯ | 1 | | 29 | |  | |  | ЛАБОРАТОРНАЯ РАБОТА №3 «ОПРЕДЕЛЕНИЕ КИНЕТИЧЕСКОЙ ЭНЕРГИИ И СКОРОСТИ ТЕЛА ПО ДЛИНЕ ТОРМОЗНОГО ПУТИ» | 1 | | 30 | |  | |  | РАБОТА | 1 | | 31 | |  | |  | ПОТЕНЦИАЛЬНАЯ ЭНЕРГИЯ ГРАВИТАЦИОННОГО ПРИТЯЖЕНИЯ ТЕЛ | 1 | | 32 | |  | |  | ПОТЕНЦИАЛЬНАЯ ЭНЕРГИЯ ПРИ УПРУГОЙ ДЕФОРМАЦИИ ТЕЛ | 1 | | 33 | |  | |  | **Лабораторная работа № 4** «ИССЛЕДОВАНИЕ КОЛЕБАНИЙ ГРУЗА НА ПРУЖИНЕ» | 1 | | 34 | |  | |  | ЗАКОН СОХРАНЕНИЯ МЕХАНИЧЕСКОЙ ЭНЕРГИИ | 1 | | 35 | |  | |  | РЕШЕНИЕ ЗАДАЧ | 1 | | 36 | |  | |  | **Лабораторная работа № 5** «ИЗМЕРЕНИЕ КОЭФФИЦИЕНТА ТРЕНИЯ,ИСПОЛЬЗУЯ ЗАКОН СОХРАНЕНИЯ ЭНЕРГИИ». | 1 | | 37 | |  | |  | ЗАКОН СОХРАНЕНИЯ ЭНЕРГИИ В ТЕПЛОВЫХ ПРОЦЕССАХ. | 1 | | 38 | |  | |  | РЕШЕНИЕ ЗАДАЧ НА КПД ТЕПЛОВОГО ДВИГАТЕЛЯ | 1 | | 39 | |  | |  | ПРИНЦИП РАБОТЫ ТПЛОВЫХ МАШИН. 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