

**FIZIKA**  
(haftasiga 2 soatdan jami 68 soat)  
**IX SINIF**

Darslar tartibi	Mavzu nomi	Soat	Taqvimiy muddat
<b>I CHORAK</b>			
1-dars	Modda tuzilishining molekulyar-kinetik nazariyasi	1	
2-dars	Molekulalarning o'lchami va massasi	1	
3-dars	Modda miqdori. Molar massa	1	
4-dars	Masalalar yechish	1	
5-dars	Ideal gaz	1	
6-dars	Temperatura	1	
7-dars	Gaz molekularining harakat tezligi	1	
8-dars	Masalalar yechish.	1	
9-dars	<b>1-NAZORAT ISHI</b>	1	
10-dars	Ideal gaz holatining tenglamalari	1	
11-dars	Izotermik jarayon	1	
12-dars	Izobarik jarayon	1	
13-dars	Izoxorik jarayon	1	
14-dars	<b>Amaliy mashg'ulot-1.</b> Molekulalarning o'lchamlarini baholash	1	
15-dars	Masalalar yechish	1	
16-dars	<b>2-NAZORAT ISHI</b>	1	
17-dars	Ichki energiya	1	
18-dars	Termodinamik ish	1	
<b>II CHORAK</b>			
19-dars	Issiqlik miqdori	1	
20-dars	Masalalar yechish	1	
21-dars	<b>Amaliy mashg'ulot-2.</b> Jismlarda issiqlik muvozanatini o'rganish	1	
22-dars	<b>Laboratoriya ishi-1:</b> Qattiq jismlarning solishtirma issiqlik sig'imini aniqlash	1	
23-dars	Yoqilg'ining solishtirma yonish issiqligi	1	
24-dars	Termodinamikaning birinchi qonuni	1	
25-dars	Masalalar yechish	1	
26-dars	<b>3-NAZORAT ISHI</b>	1	
27-dars	Issiqlik jarayonlarining qaytmasligi. Termodinamikaning II qonuni	1	
28-dars	<b>Laboratoriya ishi-2:</b> Turli temperaturali suv aralashtirilganda issiqlik miqdorlarini taqqoslash	1	
29-dars	Ichki yonuv dvigatellari	1	
30-dars	Issiqlik dvigatellarining ishlash prinsipi	1	
31-dars	Masalalar yechish	1	
32-dars	<b>4-NAZORAT ISHI</b>	1	
<b>III CHORAK</b>			

33-dars	Issiqlik mashinalari va tabiatni muhofaza qilish	1	
34-dars	Masalalar yechish	1	
35-dars	Suyuqlikning xossalari	1	
36-dars	Ho‘llash. Kapillyar hodisalar	1	
37-dars	Masalalar yechish	1	
38-dars	<b>Laboratoriya ishi-3:</b> Suyuqlikning sirt taranglik koeffitsiyentini aniqlash	1	
39-dars	Kristall va amorf jismlar	1	
40-dars	Qattiq jismlarning mexanik xossalari	1	
41-dars	Masalalar yechish	1	
42-dars	<b>5-NAZORAT ISHI</b>	1	
43-dars	Qattiq jismlarning erishi va qotishi	1	
44-dars	Moddaning solishtirma erish issiqligi. Amorf jismlarning erishi va qotishi	1	
45-dars	Bug‘lanish va kondensatsiya	1	
46-dars	Atmosferadagi hodisalar	1	
47-dars	<b>Laboratoriya ishi-4:</b> Havoning nisbiy namligini aniqlash	1	
48-dars	Masalalar yechish	1	
49-dars	Yorug‘lik tezligini aniqlash	1	
50-dars	Yorug‘likning qaytish va sinish qonunlari	1	
51-dars	Masalalar yechish	1	
52-dars	<b>6-NAZORAT ISHI</b>	1	
<b>IV CHORAK</b>			
53-dars	To‘la ichki qaytish	1	
54-dars	Masalalar yechish	1	
55-dars	<b>Laboratoriya ishi-5:</b> Shishaning nur sindirish ko‘rsatkichini aniqlash	1	
56-dars	Linzalar	1	
57-dars	Yupqa linza yordamida tasvir yasash	1	
58-dars	<b>Laboratoriya ishi-6:</b> Linzalarning optik kuchini aniqlash	1	
59-dars	<b>Masalalar yechish</b>	1	
60-dars	<b>7-NAZORAT ISHI</b>	1	
61-dars	Optik asboblari	1	
62-dars	Ko‘z va ko‘rish	1	
63-dars	Masalalar yechish	1	
64-dars	Geliotexnika. O‘zbekistonda Quyosh energiyasidan foydalanish	1	
65-dars	Olamning yagona fizik manzarasi	1	
66-dars	Fizika va texnika taraqqiyoti. O‘zbekistonda fizika sohasidagi tadqiqotlar	1	
67-dars	<b>8-NAZORAT ISHI</b>	1	
68-dars	O‘quv sayohati	1	