

ASTRONOMIYA KURSI O'QITISH METODIKASINI TAKOMILLASHTIRISH OMILLARI

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Annotatsiya:

Ushbu maqolada pedagogika oliy ta'lim muassasalarida astronomiya kursini o'qitishda milliy qaqriyatlarni saqlagan holda izchillikni ta'minlashning zamonaviy imkoniyatlaridan foydalalanish ta'lim samaradorligini oshirishda muhim ahamiyat kasb etishi uslubiy jihatlari yoritib berilgan.

Kalit so'zlar: Astronomiya, metod, eksperiment, ma'ruza, seminar, amaliyot, ko'rgazmali qurol, namoyish, koinot, texnologiya, milliy qadriyat, matematik modellash, qonun, kuzatish, hodisa, bilim, qobiliyat, jarayon.

So'nggi yillarda mamlakatimizdagi ta'lim muassasalarida barcha fanlarni hozirgi zamon talablariga muvofiq holda o'qitish bo'yicha tizimli islohotlar olib borilmoqda. Bu esa o'z navbatida, kishilik jamiyati hayotida bilim berish va ilm-ma'rifatning ahamiyatining izchil oshib borilayotganligi bilan uzviy bog'liqligidir. Bundan o'zgarishlar va yangilanishlar pedagogika va uning tarmog'i bo'lgan fizika va astronomiyani o'qitish metodikasi fani oldiga hal etilishi lozim bo'lgan yangi, dolzarb muammolarni qo'yadi.

Davlat ta'lim standartlarida belgilab qo'yilganidek, majburiy fanlarning jumladan, astronomiya fanidan ham ta'lim mazmunining o'rnatilgan minimumiga erishish barcha talabalr uchun majburiydir. Talabani umumta'lim fanlaridan olgan bilimlari akademik litsey yoki kasb hunar maktabini tugatgandan so'nggi amaliy faoliyatida hamda uning oliy ta'lim muassasasida davom ettiradigan keyingi o'qish faoliyatida ham ishonchli vosita bo'lib xizmat qilmog'i lozim.

Ushbu talablardan kelib chiqqan holda astronomiya o'qitish metodikasi fani oldida quyidagi dolzarb muammolarni hal etish vazifasi turadi:

- milliylik ruhi bilan boyitilgan, xalq rivoyatlariga asoslangan, zamonaviy pedagogic texnologiyalarni qamrab olgan o'quv qo'llanmalar va darsliklar yaratish;
- astronomiya o'qitishning umumiy masalarini tahlil qilish va ularni hal etishda o'quv fanini takomillashtirish;
- ilg'or pedagogik tajribalarni o'rganish, umumlashtirish hamda o'quv jarayoniga tadbqiq etish;
- astronomiyadan egallangan bilim va ko'nikmalarni amaliyotda qo'llay olishni o'rgatish;
- yoshlar psixologiyasining o'ziga xosligini e'tiborga olgan holda astronomiya o'qitish jarayonining tahlili, darsliklar, o'qitish vositalari va metodik qo'llanmalardan foydalanishning didaktik talablarini ishlab chiqish;
- astronomiya o'qitish tarixini tahlil etishda milliy merosining boy namunalaridan foydalanish asosida astronomiya o'qitish uslubiyoti rivojlanishining qonuniyatlarini aniqlash;



1-rasm. Astronomiya o'qitish metodikasini takomillashtirish mezonlari.

- eksperimental qobiliyatlarni shakllantirish-asbob va uskunalardan foydalanish, o'lchash natijalarini olish, matematik modellashtirish, qayta ishlash;
- mustaqil bilimlar olish, kuzatish va astronomik hodisalarni fizika qonunlari asosida tushuntirish qobiliyatlarini shakllantirish;
- astronomiya faniga mehr va hurmat o'yg'otish, o'quvchilarning bilim va ijodiy qobiliyatlarini o'stirish hamda rivojlantirish;

Ushbu muammolarni hal etish eng avvalo, milliylik talablari asosida ta'lim tizimini yangilash va yangi ijtimoiy muhit sharoitida uni yanada rivojlantirish, takomillashtirish zarurligini ko'rsatadi. Ta'lim sohasida yuzaga kelgan bunday dolzarb muammolarni hal etishda yuqorida mezonlarga tayanadi (1-rasm).

Ijtimoiy-iqtisodiy islohatlarni amalga oshirishda o'tmishni teran his etib, xalqimiz ruhiyatini, uning tarixiy va milliy o'ziga xos jihatlarini, an'ana va urf-odatlarini hisobga olib, tarixiy taraqqiyot davomida to'plangan ma'naviy merosi va milliy qadriyatlaridan oqilona foydalanish orqali amalga oshirilsa, ikkinchidan, jahon ilmiy tafakkuri va ijtimoiy foydalanish asosida ro'yobga chiqarish mumkin bo'ladi.

Astronomiyani o'qitish metodikasida muhim jihat milliy qadriyatlarga tayangan ta'lim bilan hamohang tarbiyani shakllantirish muhim masalalardan hisoblanadi. Ta'limni rivojlantirishda uni zamonaviy texnologiyalar bilan boyitish asosida tarixiy an'analarni saqlagan holda milliy modelga o'tishdek dolzarb masala hal eilmog'i lozim. Astronomiya o'qitish metodikasida aynan xalq rivoyatlaridan foydalanish o'quvchilarga milliy qadriyatlarni shakllantirish bilan birga ilmiy, axloqiy, mehr-sadoqat, ota-onaga hurmat g'oyalarni singdiradi.

O'quv jarayonida boy ilmiy-milliy merosdan o'quvchi va talabalarni bahramand qilish ta'lim va tarbiya uyg'unligiga erishishda muhim ahamiyatga ega ekanligi hech kimga sir emas. Biz bilamizki o'quv jarayonini ajralmas qismi bo'lgan tarbiya ham hech kimni befarq qoldirmaydi. Dars mashg'ulotlarida xalq rivoyatlaridan mavzularni mustahkamlashda o'qitish sifati va samaradorligini oshirishda dasturi amal bo'lib xizmat qiladi.

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