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## RAQAMLAR VA ULARNING YOZUVINI O'RGATISH METODIKASI

**Shukurova Madina Uktamovna**  
Osiyo xalqaro universiteti o'qituvchisi

**Annotatsiya:** Ushbu maqolada maktabgacha yoshdagi bolalarga raqamlar va ularning yozuvini o'rgatish metodikasi yoritiladi. Raqamlarni tanib olish, ularning yozilishini to'g'ri tushunish va qo'llay olish bolaning matematik savodxonligining asosiy tarkibiy qismi hisoblanadi. Maqolada samarali o'qitish metodlari, didaktik yondashuvlar va interaktiv usullar ko'rib chiqiladi.

**Kalit so'zlar:** Raqamlar, maktabgacha ta'lim, yozuv, didaktik metodlar, sanash, mantiqiy fikrlash, innovatsion yondashuv.

### **Kirish**

Maktabgacha yoshdagi bolalar uchun raqamlarni o'rgatish ularning kelajakdagi ta'lim jarayoniga muhim tayyorgarlik bosqichi hisoblanadi. Ushbu jarayon bolalarning sanash qobiliyatini shakllantiradi, mantiqiy tafakkurini rivojlantiradi hamda matematik bilimlarga qiziqishini oshiradi. Bolalar raqamlar bilan amaliy mashg'ulotlar va o'yinlar orqali shug'ullansa, ularning o'rganish jarayoni qiziqarli va samarali bo'ladi. Ushbu maqolada bolalar uchun mos o'qitish metodikasi va samarali usullar haqida so'z yuritiladi.

### **Asosiy qism**

#### **1. Raqamlarni o'rgatishning ahamiyati**

Raqamlarni o'rganish bolalarga quyidagi ko'nikmalarni shakllantirishga yordam beradi:

- Sonlarni tartib bilan sanash qobiliyatini rivojlantirish;
- Raqamlarni vizual ravishda taniy olish;
- Yozma shaklda raqamlarni to'g'ri ifodalash;
- Raqamlarni hayotiy misollar bilan bog'lash;
- Matematikaning asosiy tushunchalarini o'zlashtirish.

#### **2. Raqamlarni o'rgatishning samarali usullari**

Bolalarga raqamlarni o'rgatish quyidagi usullar yordamida amalga oshiriladi:

- **Vizual va amaliy mashg'ulotlar** – plakatlar, kartochkalar va raqamli o'yinlar orqali mustahkamlash.
- **Qo'llanma va yozuv mashqlari** – bolalarga qog'oz yoki qum ustida raqamlar yozishni mashq qildirish.
- **Didaktik o'yinlar** – bolalarga raqamlarni o'yin shaklida o'rgatish ularning tez va samarali o'zlashtirishiga yordam beradi.
- **Interaktiv texnologiyalar** – bolalar uchun maxsus mobil ilovalar va interaktiv ta'lim platformalari orqali mustahkamlash.

#### **3. Raqam yozuvini shakllantirish bosqichlari**

Raqam yozuvini o'rgatish bosqichma-bosqich amalga oshiriladi:



Date: 13<sup>th</sup> February-2025

1. **Raqamlarni vizual ravishda tanib olish** – bolalar avval raqamlarni shakllari orqali eslab qoladi.

2. **Qo‘l harakatlarini rivojlantirish** – bolalar chizish orqali qo‘l motorikasini rivojlantiradi.

3. **Raqam yozishga tayyorgarlik** – oddiy chiziqlar, shakllar va qiya chizish mashqlarini bajarish.

4. **Amaliy yozish mashqlari** – maxsus daftarlar va vizual vositalar yordamida yozuvni mustahkamlash.

5. **Yozuvni mustahkamlash va baholash** – bolaning qanchalik to‘g‘ri va aniq yozayotganini tekshirish va rag‘batlantirish.

#### 4. Interaktiv texnologiyalar va vizual vositalardan foydalanish

Zamonaviy ta’limda bolalar uchun quyidagi interaktiv vositalar samarali qo‘llaniladi:

- **Interaktiv doskalar** – bolalar jonli mashg‘ulotlar orqali o‘rganadi.
- **Mobil ilovalar va raqamli o‘yinlar** – bolalar uchun raqamlarni mustahkamlashga yordam beruvchi o‘yinlar.
- **Magnetik raqamlar va kartalar** – bolalar vizual va jismoniy faoliyat orqali yaxshiroq o‘rganadi.
- **Qo‘lda ishlatiladigan materiallar** – qog‘oz, qum, rangli qalamlar va boshqa materiallar orqali raqamlarni yozish mashqlari.

#### 5. Ota-onalar va tarbiyachilarning roli

Raqamlarni samarali o‘rgatish ota-onalar va tarbiyachilarning doimiy yordami bilan amalga oshiriladi:

- **Bolalar bilan muntazam shug‘ullanish** – har kuni qisqa, ammo samarali mashg‘ulotlar o‘tkazish.
- **Raqamlarni kundalik hayotda ishlatish** – bolalar sonlarni real hayotdagi narsalar bilan bog‘lashlari lozim.
- **Bolalarni rag‘batlantirish** – ularning muvaffaqiyatlarini maqtash va rag‘batlantirish motivatsiyani oshiradi.
- **O‘yin orqali o‘qitish** – bolalar o‘yin shaklida tezroq va qiziqroq o‘zlashtiradi.

#### Xulosa

Maktabgacha yoshdagi bolalarga raqamlarni va ularning yozuvini o‘rgatish jarayoni bolalarning intellektual rivojlanishiga katta ta’sir ko‘rsatadi. Raqamlarni o‘rganish bolaning kelajakdagi matematik savodxonligiga mustahkam poydevor yaratadi. Pedagoglar va ota-onalar tomonidan bolalar bilan doimiy shug‘ullanish orqali ularning raqamlarni o‘rganishga bo‘lgan qiziqishini oshirish va kelajakdagi ta’lim jarayoniga tayyorlash imkoniyati yaratiladi.

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Date: 13<sup>th</sup> February-2025

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Date: 13<sup>th</sup> February-2025

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Date: 13<sup>th</sup> February-2025

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Date: 13<sup>th</sup> February-2025

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