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## MAKTABGACHA YOSHDAGI BOLALAR UCHUN SON VA SANASH TUSHUNCHALARI

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**Annotatsiya:** Ushbu maqolada maktabgacha yoshdagi bolalar uchun son va sanash tushunchalarini shakllantirishning muhim jihatlari tahlil qilinadi. Bolalarning matematik tafakkurini rivojlantirishda sanash ko'nikmalarini shakllantirish alohida ahamiyat kasb etadi. Maqolada son tushunchasini mustahkamlash uchun foydalaniladigan didaktik metodlar, o'yin usullari va innovatsion yondashuvlar haqida fikr yuritiladi.

**Kalit so'zlar:** Son tushunchasi, sanash, maktabgacha ta'lim, matematik tafakkur, didaktik metodlar, o'yin texnologiyalari.

### **Kirish**

Maktabgacha yoshdagi bolalar uchun matematik bilimlar, xususan, son va sanash tushunchalarini shakllantirish, keyingi o'quv jarayonlariga tayyorgarlikning muhim bosqichidir. Bolalar dastlabki yillardan boshlab atrof-muhitdagi narsalar sonini aniqlash, ularni tartiblash va sanashga qiziqish bildiradilar. Shu sababli, bu tushunchalarni shakllantirish jarayonida pedagoglar va ota-onalar tomonidan to'g'ri yondashuv va metodlardan foydalanish lozim. Bolalar sonlarni nafaqat yodlab olishlari, balki ularning mohiyatini tushunishlari ham muhimdir.

### **Asosiy qism**

#### **1. Son va sanash tushunchalarining ahamiyati**

Son va sanash tushunchalari bolalarning mantiqiy fikrlashini rivojlantirishda katta rol o'ynaydi. Bu tushunchalarni erta yoshdan shakllantirish quyidagi jihatlarda bo'yicha muhim ahamiyat kasb etadi:

- Bolalarning atrof-muhitni idrok etishini rivojlantiradi.
- Tizimli va mantiqiy fikrlashga o'rgatadi.
- Sonlarni tanish, sanash va taqqoslash ko'nikmalarini mustahkamlaydi.
- Matematik operatsiyalarni tushunishga tayyorlaydi.

#### **2. Son va sanash tushunchalarini o'rgatishda didaktik yondashuvlar**

Son tushunchalarini shakllantirishda turli didaktik yondashuvlar va metodlardan foydalanish muhim. Quyidagilar samarali hisoblanadi:

- **Ko'rgazmalilik tamoyili** – bolalar uchun rangli rasmlar, kartochkalar va maxsus vizual materiallar orqali tushuntirish.
- **Amaliy faoliyatga asoslangan o'qitish** – bolalar sanash jarayonida haqiqiy predmetlar bilan ishlashi lozim (masalan, koptok, kublar, rangli tayoqchalar).
- **O'yinga asoslangan o'qitish** – matematik o'yinlar orqali sonlarni o'rgatish va sanash ko'nikmalarini rivojlantirish.

#### **3. O'yin texnologiyalaridan foydalanish**



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Maktabgacha yoshdagi bolalar uchun son va sanash tushunchalarini o'rgatishda o'yin texnologiyalaridan samarali foydalanish mumkin. Quyidagi o'yin turlari foydalidir:

- **“Sanashni o'rganamiz”** – bolalar oldiga turli predmetlarni sanash vazifasi qo'yiladi.
- **“Qaysi biri ko'p, qaysi biri kam”** – ikki guruhdagi predmetlarni taqqoslash orqali bolalar son tushunchasini shakllantiradi.
- **“Sonlarni top”** – kartochkalardagi sonlarni mos keladigan predmetlar bilan bog'lash.

#### 4. Raqamli texnologiyalar va interaktiv metodlar

Zamonaviy ta'lim jarayonida bolalar uchun maxsus interaktiv ilovalar va o'yinlar son tushunchasini shakllantirishda muhim rol o'ynaydi. Masalan:

- **Matematik mobil ilovalar** – bolalar sonlarni o'rganishlari va sanashni mashq qilishlari uchun raqamli platformalar.
- **Multimedia materiallar** – audio va video vositalardan foydalanib sonlarni o'rgatish.
- **Interaktiv doskalar** – bolalarga vizual va amaliy tarzda sanashni o'rgatish imkoniyatini beradi.

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

Bolalarning son va sanash tushunchalarini shakllantirishda ota-onalar va pedagoglarning roli juda muhim. Quyidagilar tavsiya etiladi:

- **Bolalar bilan kundalik hayotda sanash mashg'ulotlarini o'tkazish** (masalan, stol atrofida nechta odam borligini sanash, mevalarni tartiblash va sanash).
- **Turli qo'shimcha resurslardan foydalanish** – matematik kitoblar, maxsus o'yinlar va didaktik materiallardan foydalanish.
- **Bolalarni rag'batlantirish** – to'g'ri sanash va sonlarni aniqlashga intilgan bolalarni maqtash va rag'batlantirish.

#### Xulosa

Maktabgacha yoshdagi bolalar uchun son va sanash tushunchalarini shakllantirish ularning keyingi ta'lim bosqichlariga tayyorlanishida muhim rol o'ynaydi. Bolalar sonlarni nafaqat yodlab olishlari, balki ularning mohiyatini tushunishlari kerak. Bu jarayonda o'yin texnologiyalari, interaktiv metodlar va ko'rgazmali materiallardan samarali foydalanish muhimdir. Pedagoglar va ota-onalar tomonidan to'g'ri yondashuv orqali bolalarning matematik tafakkurini rivojlantirish mumkin.

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