



INNOVATIVE WORLD
İlmiy tədqiqotlar mərkəzi

ZAMONAVIY İLM-FAN VA TA'LİM: MUAMMO VA YECHIMLAR İLMİY-AMALIY KONFERENSIYA

Background collage featuring various mathematical and scientific elements:

- Mathematical formulas: $\{f_k(x)\} = \{f_k(x)\}$, $y(x) = \sum_{k=1}^{\infty} a_k f_k(x)$, $\cos(x) = \sum_{k=0}^{\infty} \frac{(-1)^k x^{2k}}{(2k)!}$, $\sin(x) = \sum_{k=0}^{\infty} \frac{(-1)^k x^{2k+1}}{(2k+1)!}$, $\sum_{k=1}^{\infty} \frac{1}{k^2} = \frac{\pi^2}{6}$, $\sum_{k=1}^{\infty} \frac{1}{k^4} = \frac{\pi^4}{90}$, $\sum_{k=1}^{\infty} \frac{1}{k^6} = \frac{\pi^6}{945}$, $\sum_{k=1}^{\infty} \frac{1}{k^8} = \frac{\pi^8}{75360}$, $\sum_{k=1}^{\infty} \frac{1}{k^{10}} = \frac{\pi^{10}}{9355680}$, $\sum_{k=1}^{\infty} \frac{1}{k^{12}} = \frac{691 \pi^{12}}{645120}$, $\sum_{k=1}^{\infty} \frac{1}{k^{14}} = \frac{46869 \pi^{14}}{531442560}$, $\sum_{k=1}^{\infty} \frac{1}{k^{16}} = \frac{1764193 \pi^{16}}{13271040000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{18}} = \frac{7709321 \pi^{18}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{20}} = \frac{175283539 \pi^{20}}{12166563840000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{22}} = \frac{654929455 \pi^{22}}{1216656384000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{24}} = \frac{1364108864 \pi^{24}}{121665638400000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{26}} = \frac{31851065625 \pi^{26}}{121665638400000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{28}} = \frac{8540143488 \pi^{28}}{12166563840000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{30}} = \frac{192090912001 \pi^{30}}{1216656384000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{32}} = \frac{4851362240 \pi^{32}}{121665638400000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{34}} = \frac{1105855616001 \pi^{34}}{12166563840000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{36}} = \frac{26645351040 \pi^{36}}{1216656384000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{38}} = \frac{5846255664001 \pi^{38}}{121665638400000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{40}} = \frac{134484371520 \pi^{40}}{12166563840000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{42}} = \frac{2980348800001 \pi^{42}}{1216656384000000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{44}} = \frac{675516147200 \pi^{44}}{121665638400000000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{46}} = \frac{14782867200001 \pi^{46}}{12166563840000000000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{48}} = \frac{334748800000 \pi^{48}}{1216656384000000000000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{50}} = \frac{73854880000001 \pi^{50}}{121665638400000000000000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{52}} = \frac{16449600000000 \pi^{52}}{12166563840000000000000000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{54}} = \frac{3619584000000001 \pi^{54}}{1216656384000000000000000000000000000000000000000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{56}} = \frac{798720000000000 \pi^{56}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{58}} = \frac{174496000000000001 \pi^{58}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{60}} = \frac{38400000000000000 \pi^{60}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{62}} = \frac{8425600000000000001 \pi^{62}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{64}} = \frac{18304000000000000000 \pi^{64}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{66}} = \frac{4009600000000000000001 \pi^{66}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{68}} = \frac{87680000000000000000000 \pi^{68}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{70}} = \frac{19072000000000000000000001 \pi^{70}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{72}} = \frac{41600000000000000000000000 \pi^{72}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{74}} = \frac{9075200000000000000000000001 \pi^{74}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{76}} = \frac{196800000000000000000000000000 \pi^{76}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{78}} = \frac{42880000000000000000000000000001 \pi^{78}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{80}} = \frac{928000000000000000000000000000000 \pi^{80}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{82}} = \frac{200960000000000000000000000000000001 \pi^{82}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{84}} = \frac{4320000000000000000000000000000000000 \pi^{84}}{121665638400}$, $\sum_{k=1}^{\infty} \frac{1}{k^{86}} = \frac{937600000000000000000000000000000000001 \pi^{86}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{88}} = \frac{20160000000000000000000000000000000000000 \pi^{88}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{90}} = \frac{4377600000000000000000000000000000000000001 \pi^{90}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{92}} = \frac{940800 \pi^{92}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{94}} = \frac{202560001 \pi^{94}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{96}} = \frac{4352000 \pi^{96}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{98}} = \frac{944640001 \pi^{98}}{1216656384000}$, $\sum_{k=1}^{\infty} \frac{1}{k^{100}} = \frac{2028800 \pi^{100}}{121665638400}$

Logos at the bottom: Google Scholar, doi, zenodo, OpenAIRE.

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**«INNOVATIVE WORLD» ILMIY TADQIQOTLARNI QO'LLAB-
QUVVATLASH MARKAZI**

**«ZAMONAVIY ILM-FAN VA TADQIQOTLAR: MUAMMO VA
YECHIMLAR» NOMLI 2025-YIL № 4-SONLI ILMIY, MASOFAVIY,
ONLAYN KONFERENSIYASI**

**ILMIY-ONLAYN KONFERENSIYA TO'PLAMI
СБОРНИК НАУЧНЫХ-ОНЛАЙН КОНФЕРЕНЦИЙ
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O'ZBEKISTON-2025



Mustaqil fikrlovchi shaxsni shakllantirishda oilaning roli**Hamraqulova Xadichabonu Yoqubjon qizi**

Jizzax Davlat Pedagogika Universiteti

Ta'lim va tarbiya nazariyasi va metodikasi (boshlang'ich ta'lim) mutaxassisligi
2-bosqich magistranti

Annotatsiya. Ushbu maqolada mustaqil fikrlovchi shaxsni tarbiyalashda oilaning o'rni va ahamiyati yoritilgan. Oilaning tarbiyaviy muhit sifatidagi ta'siri, ota-onaning pedagogik madaniyati, o'zaro munosabatlar va farzandlar bilan muloqot usullari mustaqil fikrlash ko'nikmalarining rivojlanishiga bevosita ta'sir etishi ilmiy-nazariy hamda amaliy jihatdan tahlil qilinadi.

Kalit so'zlar: mustaqil fikrlash, tarbiya, oila, ota-ona, shaxs rivoji, tarbiyaviy jarayon, ijtimoiy faollik, muloqot madaniyati.

Har jihatdan rivojlanayotgan Yangi O'zbekistonimizning har bir a'zosi mustaqil fikrlay oladigan, to'g'ri xulosa chiqaradigan va o'z fikrini erkin ifoda eta oladigan shaxs bo'lishi zarur. Bu kabi fazilatlar avvalo oilada boshlanadi va shakllanadi. Chunki oila insonning ilk tarbiya maktabi hisoblanadi. Bola uch yoshigacha hayoti davomida o'rganishi kerak bo'lgan narsalarning asosiy qismini o'rganadi. Uning dunyoqarashi, axloqiy va ijtimoiy qarashlari, fikrlash uslubi aynan oilaviy muhitda vujudga keladi.

Prezidentimiz Sh.M.Mirziyoyev ta'kidlaganidek: "Yoshlarimizni mustaqil fikrlaydigan, hayotga real qaraydigan, zamonaviy bilim va kasb-hunarlarini egallagan insonlar etib tarbiyalash – bizning eng ustuvor vazifamizdir."

Mustaqil fikrlash bu shaxsning atrof-muhitdagi voqea-hodisalarni o'z tajribasi, bilimlari va tahliliy salohiyati asosida baholay olish, o'z qarorini mustaqil qabul qilish qobiliyatidir. U insonning ongli faoliyati, tanqidiy va ijodiy tafakkuri bilan bevosita bog'liq. Bu qobiliyatni shakllantirishda oila asosiy o'rnni egallaydi.

Oila – shaxs kamolotining birinchi bosqichi bo'lib, bola psixologiyasi, axloqi, xarakteri va dunyoqarashini shakllantiruvchi eng muhim ijtimoiy institutdir. Ota-ona o'z farzandining ilk o'qituvchisi va tarbiyachisi hisoblanadi. Ota-onaning o'zaro hurmat, mehr-muhabbat, e'tibor, g'amxo'rlik va adolatga asoslangan munosabatlari bola tafakkuriga ijobiy ta'sir ko'rsatadi.

Mustaqil fikrlashni shakllantirishda oilaviy omillar

Erkin muloqot muhiti: Bola o'z fikrini erkin ifoda etish imkoniyatiga ega bo'lishi zarur. Ota-onaning "sen xato qilding" degan hukmi emas, aksincha "nima uchun shunday o'ylaysan?" degan savoli fikrlashga undaydi.

Kitobxonlik madaniyati: Oilada kitob o'qishga bo'lgan qiziqishni shakllantirish bolada tafakkur kengligini rivojlantiradi.

Mas'uliyat hissini tarbiyalash: Mustaqil fikrlash mas'uliyat bilan uzviy bog'liq. Ota-onaning ishonchi bolani mustaqil qaror qabul qilishga undovchi eng asosiy kuchdir.

Ijodkorlik muhiti: Farzandning har bir tashabbusini qadrlash, e'tiborga olish va qo'llab-quvvatlash uning yangicha fikrlash salohiyatini o'stiradi.

Ota-onaning pedagogik madaniyati. Ota-onaning pedagogik va psixologik bilimga ega bo'lishi, bolaning yosh xususiyatlarini bilishi va tarbiyaga ongli yondashuvi mustaqil fikrlovchi shaxsni shakllantirishning asosiy omilidir. Ilmiy tadqiqotlar shuni ko'rsatadiki, ota-onasi bolani tinglaydigan, bola bilan ko'proq vaqtini o'tkazadigan, fikrini qadrlaydigan oilalarda farzandlar ijodkor, faolligi yuqori va mustaqil fikrlovchi bo'lib voyaga yetadi.

Maktab va oilaning hamkorligi. Oila bilan maktab o'rtasidagi doimiy hamkorlik mustaqil fikrlashni rivojlantirishda muhim ahamiyat kasb etadi. O'qituvchi va ota-ona bir maqsad sari, ya'ni farzandni erkin fikrlovchi, izlanuvchan, yangilikka intiluvchan inson etib tarbiyalash yo'lida birgalikda harakat qilsa, natija samarali bo'ladi.

Tadqiqotlar asosidagi fikrlarni ko'rib chiqamiz.

1. Ota-onaning tarbiyaviy uslubi farzandning mustaqil fikrlashiga bevosita ta'sir qiladi. Muvozanatli (authoritative) ya'ni mehribon, qat'iy lekin erkinlik beruvchi tarbiya uslubi bolalarda mustaqillik, mas'uliyat va tanqidiy fikrlashni rivojlantiradi.

2. Oilaviy muhitda kitobxonlik tanqidiy va ijodiy fikrlashni oshiradi.

Uyda muntazam oilaviy o'qish, "o'qishga birga vaqt ajratish" va muloqot asosida savol-javob (family literacy activities) bolalarning tahliliy qobiliyatlarini yaxshilaydi. Uyda kitoblar, bilimga kirish (internet, ensiklopediya), mantiqiy o'yinlar va ilmiy suhbatlar bolalarning analitik qobiliyatlari va ijodkorligini oshiradi. Oilaviy o'qish va muloqot orqali bolalar yangi g'oyalarni tekshirish va argumentlarni baholashni o'rganadi.

3. Faol ota-ona ishtiroki (parental involvement) o'quv muvaffaqiyati va fikrlash ko'nikmalarini oshiradi — lekin «qanday» ishtirok etilishi muhim.

Faqat yordam berish emas, balki qo'llab-quvvatlovchi hamkorlik, mas'uliyat topshirish va o'z-o'zini nazoratga o'rgatish (scaffolding) eng samaralisi hisoblanadi.

4. Oila ichidagi muloqot sifati - savollar berish, fikrini tinglash va muhokama yuritish - bolada mustaqil fikrlashni shakllantiruvchi kuchli omildir. So'rovlar va muhokamalarni rag'batlantiruvchi oilalarda bolalar muammoga xilma-xil yondashib, dalillar asosida fikr yuritishni o'rganadi.

5. Ishga jalb qilish turi muhim: faqat topshiriqni shunchaki bajarib qo'yishdan ko'ra (do'stona yordam, muammolarni birga tahlil qilish, ochiq savollar berish) bolalarning fikriy jarayonini ichkaridan rivojlantiradi. Tadqiqotlar ota-onaning maktab bilan hamkorligi, uy vazifalariga mos ko'rsatmalar va strategiyalarni o'rgatish samarali ekanligini ko'rsatadi.

6. Ma'lumotlarni qo'llash va real hayot muammolariga yo'naltirish. Masalan, oilaviy byudjetni birga rejalashtirish, shahar sayohati uchun reja tuzish, kundalik muammolarni muvaffaqiyatli qilish bolada nazariyadan amaliyotga o'tish orqali mustaqil tahlil va qaror qabul qilishni yanada rivojlantiradi. Tadqiqotlar bunday amaliy mashg'ulotlarni yuqori samarali deb topgan.

Amaliy tavsiyalar (ota-onalar uchun)

1. Savol berish madaniyatini rivojlantiring. Bolaning javobiga "to'g'ri" yoki " noto'g'ri" deb javob qaytarmang. Balki "Nega shunday o'ylading?", "Boshqa yana qanday imkoniyatlar bo'lishi mumkin?" kabi ochiq savollar bilan javob bering.

2. Muammoni birgalikda tahlil qiling. Masalan, oddiy kundalik vaziyatni (do'kon narxlari, vaqtni taqsimlash) ni misol qilib olib, birgalikda taqqoslang va natijalar haqida munozara qiling.

3. Kitob va oilaviy o'qish uchun an'ana yarating. Har hafta "Oilaviy kitobxonlik soati" yoki "Savol-javob kuni" tashkil qiling, farzandingiz o'qigan kitobidagi hislarini, kechinmalarini gapirib bersin. Bu tahliliy fikrlashni kuchaytiradi.

4. Mas'uliyat bering va erkin qarorlar uchun imkoniyat yarating. Yoshiga mos vazifalar, kichik iqtisodiy qarorlar qabul qilishiga imkon bering. Bu bilan farzandingizni kelajakdagi katta va jiddiy qarorlar qabul qilishiga yordam berasiz.

5. Maktab bilan hamkorlik qiling. O'qituvchilar bilan doimiy ravishda aloqada bo'ling. Uy vazifalari faqatgina "5 baho" uchun emas, fikrlash jarayonini rivojlantirishga xizmat qilishi lozim.

Xulosa qilib aytganda mustaqil fikrlovchi shaxsni tarbiyalashda oilaning o'рни beqiyosdir. Oilada sog'lom ma'naviy muhit, erkin muloqot, o'zaro hurmat va ishonch mavjud bo'lsa, bola o'z fikrini mustaqil shakllantira oladi. Ota-onaning pedagogik madaniyatini oshirish, bolaga e'tiborli munosabatda bo'lish va uni mustaqil fikrlashga undash – kelajak jamiyatining poydevorini mustahkamlaydi.

Foydalanilgan adabiyotlar ro'yxati

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