

TEKNOLOGIYA

Umumiy o'rta ta'lim maktablarining
3-sinfi uchun

MASHQ DAFTARI

O'zbekiston Respublikasi Xalq ta'limi vazirligi
nashrga tavsiya etgan

Yangi nashr

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Xamrakul Sanakulov

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Shartli belgilar



— topshiriq



— savol



— yozish o'rne



DIQQAT!



Darslikni to'ldiruvchi raqamli tashkil etuvchilarga o'tish uchun QR kod yoki veb saytdan foydalaning.

dr.rtm.uz

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Aziz bolajonlar!

Ushbu mashq daftari yordamida darslikdagi mavzularga mos topshiriqlarni bajarasiz. Undagi topshiriqlar sizlarga mustaqil ishlash, buning natijasida esa qo'l motorikangizni rivojlantirish imkonini beradi. Atrof-olam, tabiat bilan bog'lanish orqali yaratuvchanlik qobiliyatingiz shakllanadi.

Mavzularni o'zlashtirish jarayonida tasviriy san'at, tabiiy fanlar, matematikaga bevosita murojaat qilasiz, texnologiya hamda kasblar olamiga sayohat qilasiz. Topshiriqlarni o'rtoqlaringiz yoki kattalar bilan birgalikda bajarishingiz uchun daftar yakunida kerakli qoliplar ham berilgan.

Mashq daftaridagi topshiriqlarni bajarishda shartli belgilar ning ahamiyati katta. Ularga amal qilsangiz, berilgan topshiriqlarni talab darajasida bajara olasiz. O'z qo'llaringiz bilan yasagan buyumlaringizdan esa zavq tuyasiz. Bu borada sizlarga tirishqoqlik, qunt hamda ulkan muvaffaqiyatlar tilaymiz!

1-dars. ATROFIMIZDAGI TEXNOLOGIYALAR

Aziz o'quvchi, rasmdagi texnikalarning ayrimlari bilan darsda tanishgansiz. Bular turli yumushlarda ota-onangizga yaqindan yordam beruvchi elektr qurilmalardir. Mustaqil yoki ota-onangiz ko'magida ularning nomi va vazifasini bilib oling.



Ushbu sovitkichlarning farqlari haqida yozing.



Go'shtqiymalagich – oshxona ishlarida katta yordam beruvchi qurilma. U qisqa vaqt ichida katta miqdordagi go'shtni qiymalab bera oladi.



Changyutkich, kir yuvish mashinasi, dazmol va kompyuter to'g'risida ma'lumot to'plang va yozing.





Quyidagi elektr jihozlar ro'zg'orda nima maqsadda ishlatiladi?





Berilgan elektr jihozlar nomini va ular haqida ma'lumotlarni yozing.











Oshpazlik kasbi haqida ma'lumotlar yozing.





Bir necha vazifani bajara oluvchi texnika vositasi va oshxona buyumlarini  belgisi bilan belgilang.





Boshqotirmani
yeching.

1									
2									
3									
4									
5									
6									

1. Tikuvchi ignaga o'tkazadigan ish quroli.
2. Gazlamani tikishda ishlatiladigan ish quroli.
3. Tikuvchining eng kerakli ish quroli.
4. Ko'rsatkich barmoqqa taqiladigan ish quroli.
5. O'lchov olishda ishlatiladigan ish quroli.
6. Milliy mato turi.



Pannoga applikatsiya yasashda qaysi materialdan
foydalanish afzalligini aniqlang.

Xususiyati	Qog'oz	Gazlama
Estetik holati		
Shaklining saqlanishi		
Qulay yelimlanishi		
Mustahkamligi		
Tabiiy holatining saqlanishi		

2-dars. DURADGORLIK VA CHILANGARLIK ISH ASBOBLARI

Duradgorlik ustaxonasida yog'ochga ishlov berishda qo'llanuvchi ish asboblari bilan tanishgansiz. Rasmlarda siz bilmagan duradgorlik asboblari qaysilari tasvirlangan? Ular bilan tanishing va nomlarini yozing.







O'zingiz bilgan ish asboblari to'g'risida ma'lumot yozing.



Chilangarlik ustaxonasi ish asboblari o'rganib chiqing, ular haqida ma'lumot to'plang va yozing.



3-dars. PAZANDACHILIK VA TIKUVCHILIK ISH ASBOBLARI

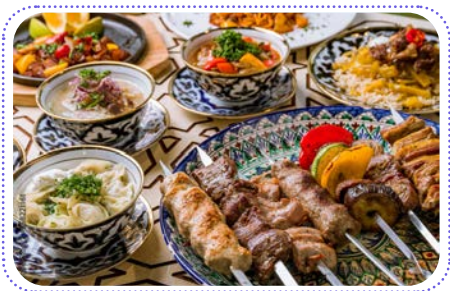
Aziz o'quvchi, yaxshi pazanda bo'lish uchun mazali hamda vitaminlarga boy turli taom va pishiriqlar tayyorlashni bilish lozim. Shuningdek, pazandachilikda ishlatiladigan asboblardan to'g'ri foydalanishni ham bilish kerak.



Pazandachilikda ishlatiladigan asboblarning nomini yozib chiqing va ular haqida ma'lumot to'plang.



O'zingiz bilgan taomnomani yozing.





Ish asboblari to'g'risida ma'lumot to'plang va yozing.

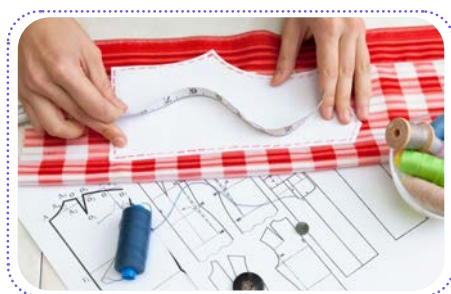


Taom tayyorlashda ishlatiladigan sabzavot va mevalar haqida ma'lumot yozing.



Tikuvchilikda ishlatiladigan ish anjomlari va matolar haqida ma'lumot to'plang va yozing.

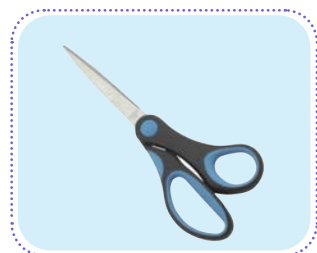




Tikuvchilik kasb-hunar turi bo'lib, kiyim-kechak, ko'rpa-to'shak va boshqa buyumlarni tikish kasbini anglatadi. Tikuvchilik vositalari, material va texnikasi turli davrlarda turlicha bo'lgan.



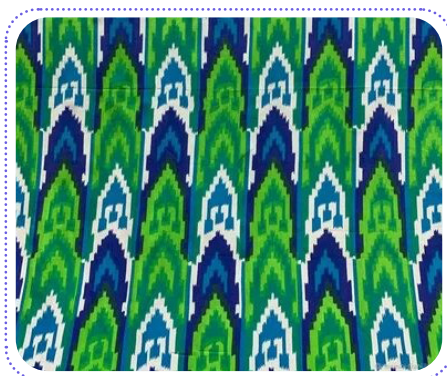
Tikuvchining asosiy ish quroli – qaychi. Siz uning yana qanday ish qurollarini bilasiz?



Tikuvchilik ishlaridan namunalar



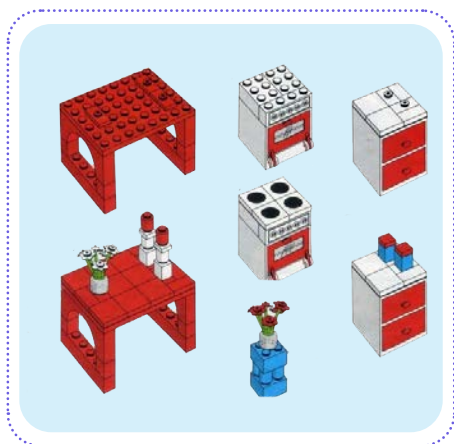
Matolardan namunalar

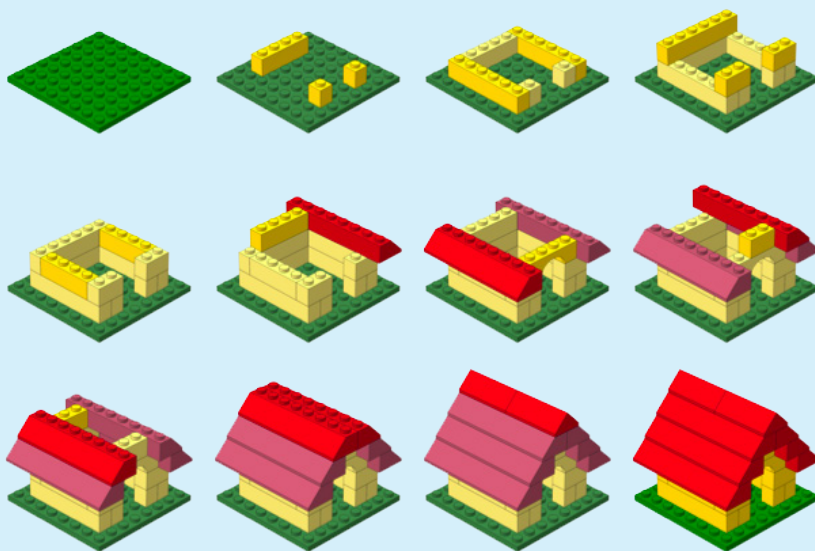


4-dars. KONSTRUKSIYA ELEMENTLARINI YARATISH



Lego konstruktorlik elementlarini oling, ulardan model va maketlar yasang.





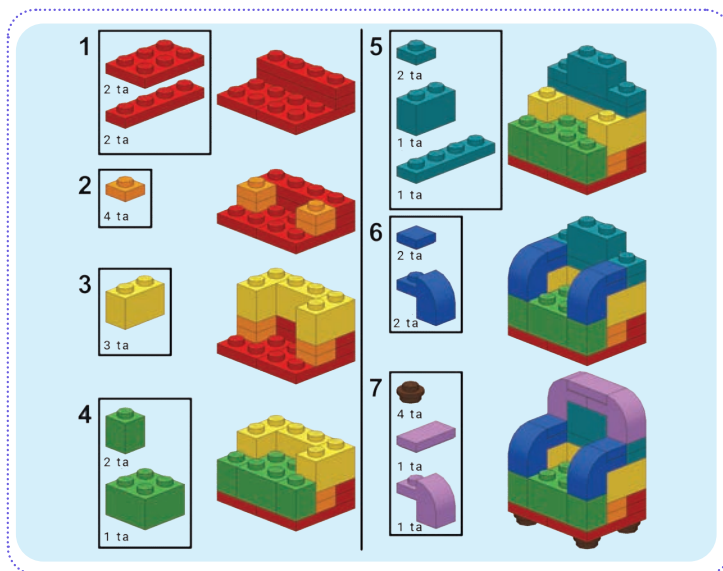
Uy qurishda ishlatiladigan asbob-uskunalar to'g'risida ma'lumot to'plang va yozing.



Quruvchilik kasbi egalari, ularning vazifalari haqida nimalarni bilasiz? Shu haqidagi fikrlaringizni yozing.



Lego elementlaridan mexanizmlni o'yinchoqlarni tayyorlashda ularning joylashuv ketma-ketligi yodingizda bo'lsin!



Harakatlanuvchi o'yinchoqlar yasash



O'qituvchingiz yoki ota-onangiz ko'magida turli mexanizmlarni yasashga harakat qiling.

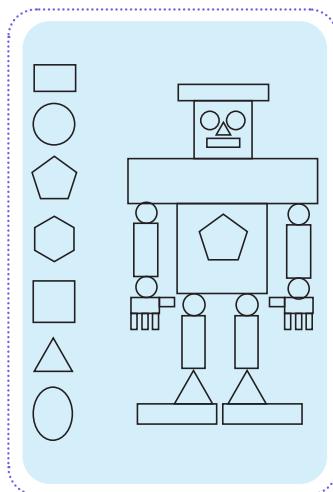
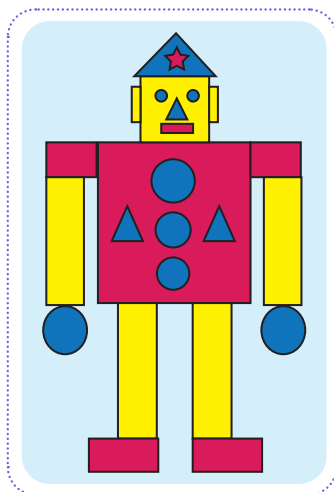
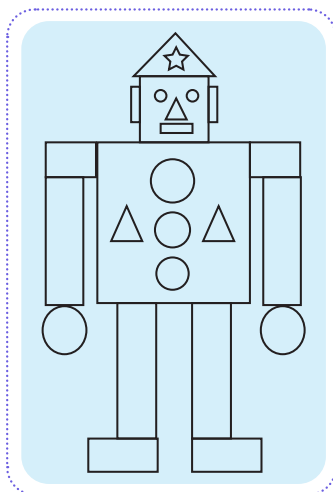
5–6-darslar. GEOMETRIK SHAKLLARDAN ROBOT HOSIL QILISH



Robotlar, ularning turlari haqida ma'lumot to'plang
va yozing.

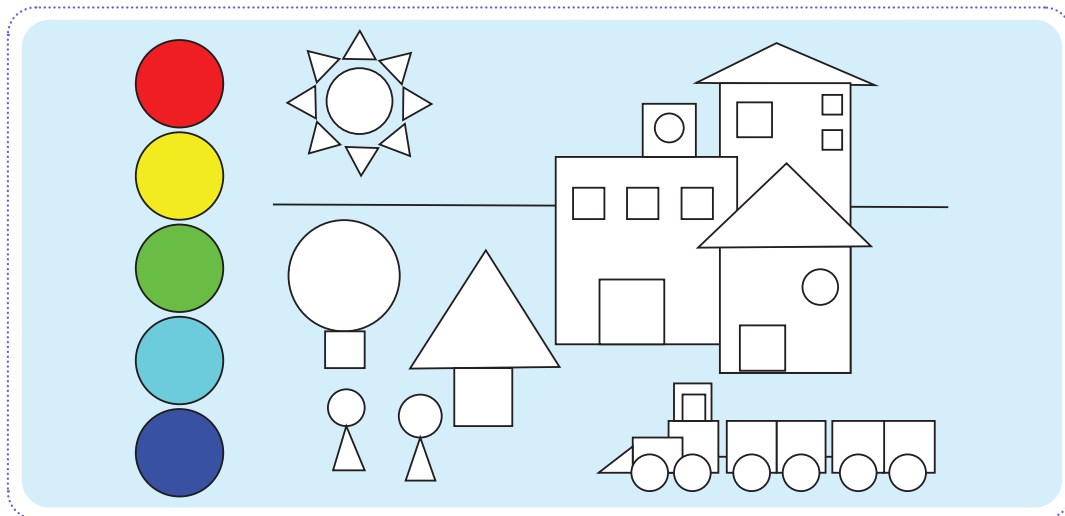


Geometrik shakllar yordamida rasmdagi robotlarni
yasang.

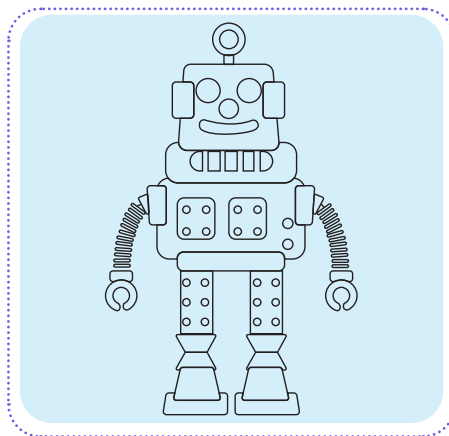
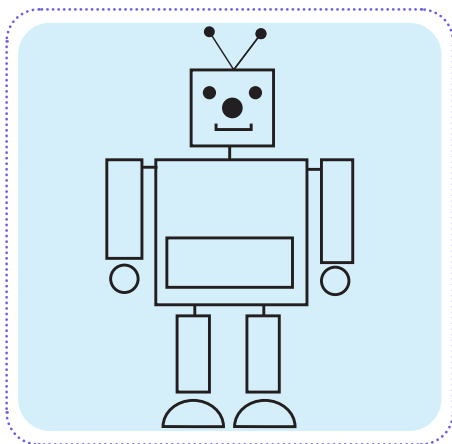




Ushbu chizmalarni bo'yang. Ranglarni to'g'ri tanlang.



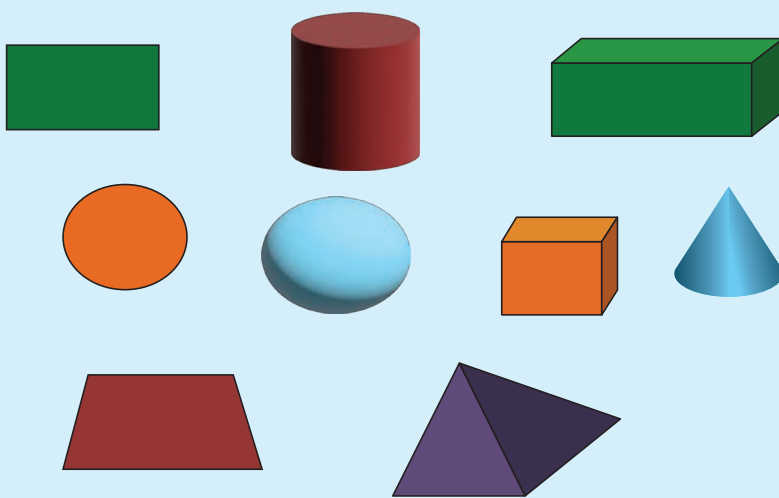
Rasmdagi shakllarni aniqlang va ularning nomini yozing.



7–8-darslar. TURLI GEOMETRIK SHAKLLARDAN HARAKATLANUVCH MODELLAR YASASH



Geometrik shakllar nomini eslang. Rasmda mavjud va mavjud bo'lmagan geometrik shakllar nomini yozing.



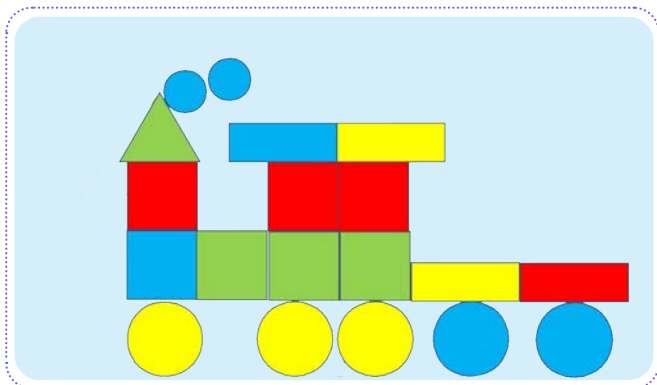


Bu belgilar nimani bildiradi? Ular haqida ma'lumot yozing.





Parovoz modeli qanday shakllardan yasalgan?





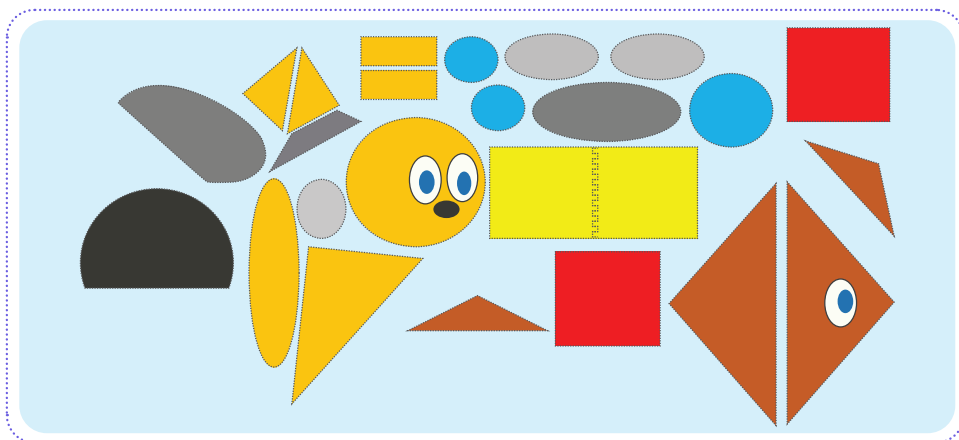
Applikatsiya usulida mustaqil yasang.



Poyezdlar haqida ma'lumot to'plang va yozing.



Geometrik shakllardan hayvonlar tasvirini hosil qiling.





Kompozitsiyada qaysi geometrik shakllar borligini yozing.





Uchburchaklardan kompozitsiya tuzing.

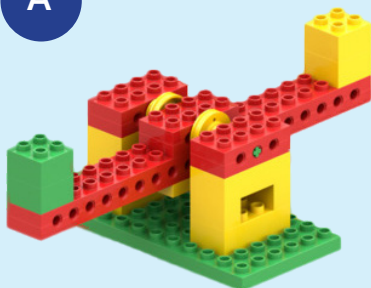


9–10-darslar. HARAKATLANUVCHI QURILMALAR YASASH



Arg'imchoq to'g'ri yasalgan variantni toping.

A

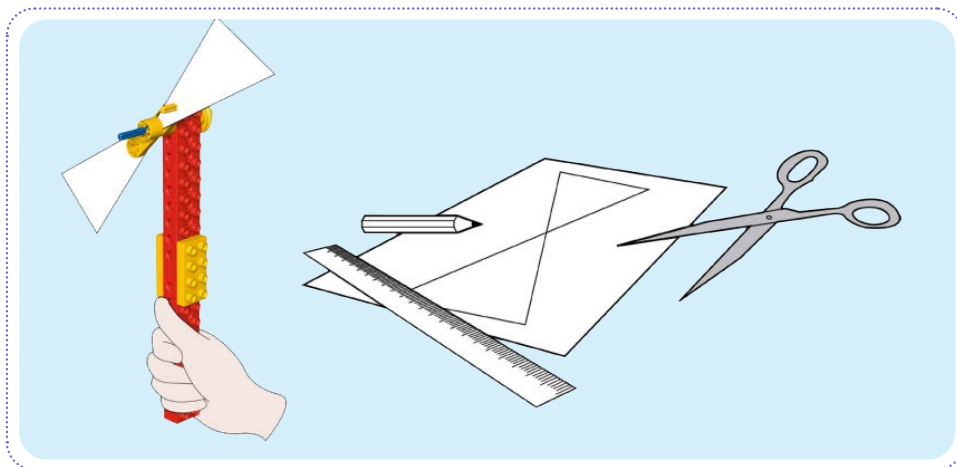


B

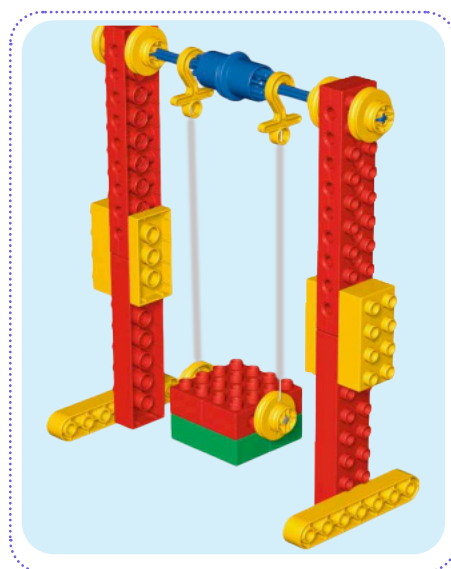




Ustozingiz yoki ota-onangiz ko'magida harakatlanuvchi qurilmalarni yasab ko'ring.



Kattalar ko'magida bajaring.





Robotlar haqida ma'lumot toping va yozing.

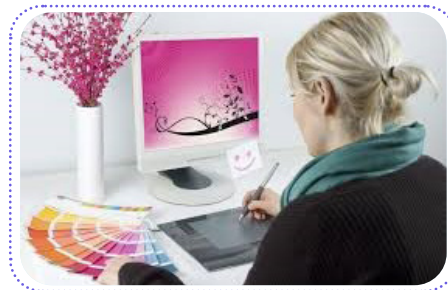




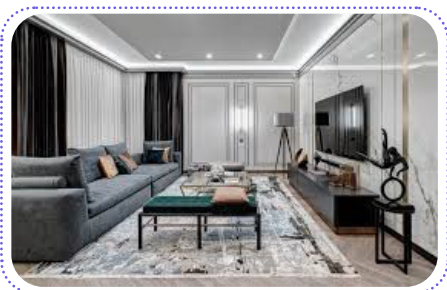
Avtotransport turlarini o'rganing, ular to'g'risida ma'lumot to'plang va yozing.

11-dars. DIZAYNERLIK KASBI

Dizaynerlar go'zallik yaratuvchilardir. Masalan, ular tosh, daraxt shoxlari, gul kabi oddiy buyumlardan go'zal manzaralarni yarata oladilar.



Dizaynerlarning ishlaridan namunalar



Dizaynerlik kasbi to'g'risida ma'lumot to'plang va yozing.

12–13-darslar. UCHUVCHILIK KASBI

Uchuvchi – havo transportini boshqarish bo'yicha ilmiy-nazariy va amaliy bilimlarga ega mutaxassis. Ular quyidagi toifaga bo'linadi:

- 1) samolyot uchuvchisi;
- 2) vertolyot uchuvchisi;
- 3) kosmik kema uchuvchisi.



Uchuvchilik kasbi to'g'risida nimalarni bilasiz?



Uchuvchilik kasbi to'g'risida ma'lumot to'plang va yozing.



14-dars. VETERINARLIK KASBI



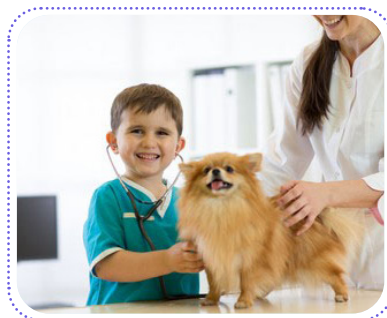
Uy hayvonlarining sog'ligi bilan qiziqib boring.



Uy hayvonlari nomini yozing.



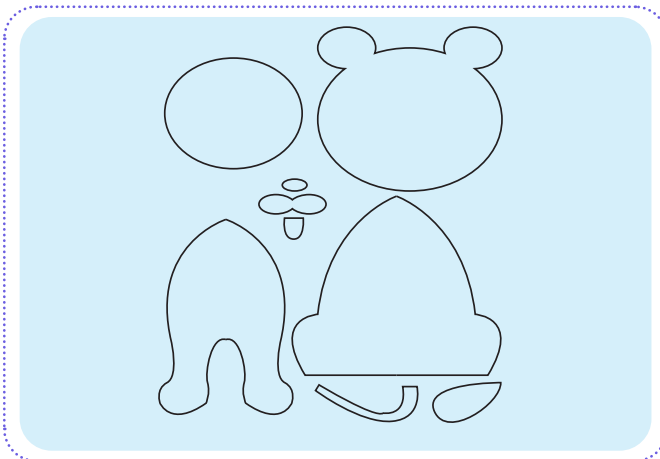
Veterinarlar to'g'risida ma'lumot to'plang.



15-dars. ESKIZ. QOLIP



Eskiz yordamida sher shaklini yasang.

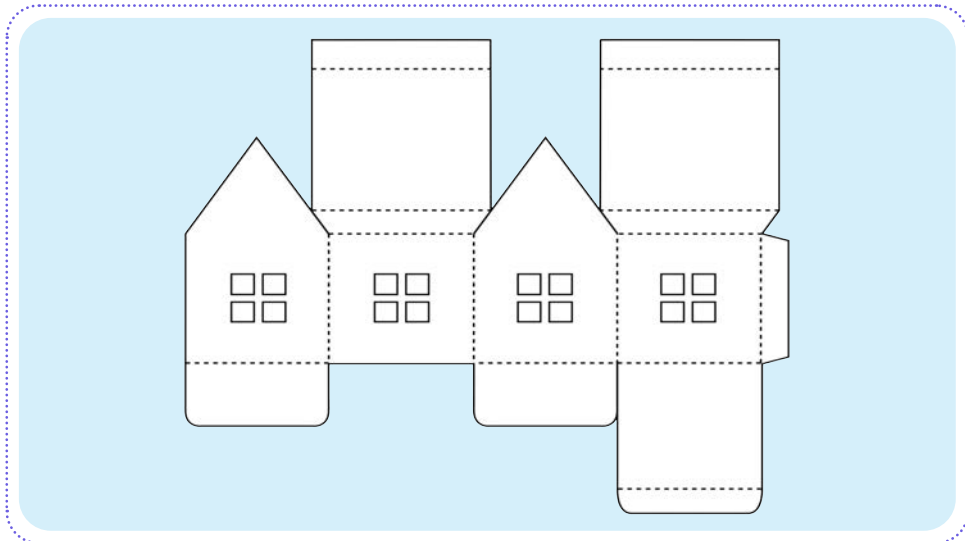


Chizmaga qarab sher shaklini yasang. Ranglarni to'g'ri tanlang.

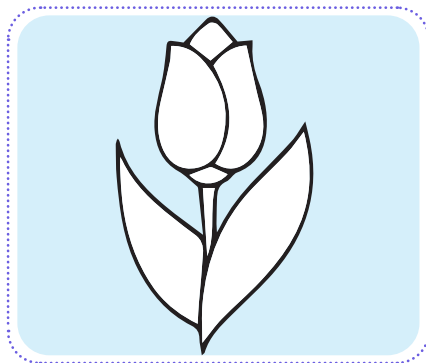
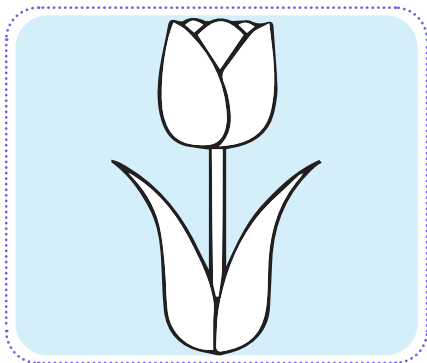




Qolip o'lchamlarini mustaqil chizing va uy maketini yasang.



Gullarni bo'yang. Ularga mos rangni tanlang.



Gullarning turi, gulchi haqida nimalarni bilasiz?



Qoliplar asosida ayiq shaklini yasang.



Ayiq haqida nimalarni bilasiz? U nima bilan oziqlanadi?
Uning qanday turlari bor? Shular haqida yozing.

16–17-darslar. ESKIZ ASOSIDA HARAKATLANUVCHI O'YINCHOQLAR YASASH

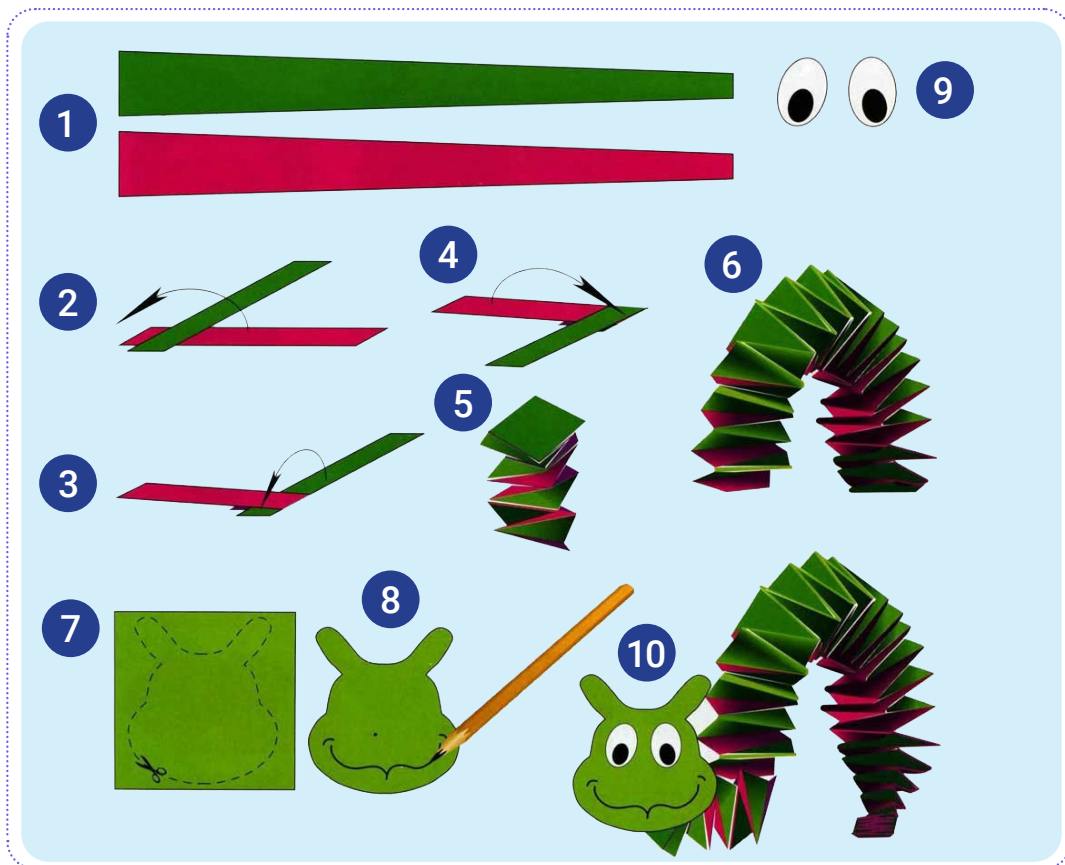


Rasmdagi jonivor qismlarini chizib, tayyorlab oling.
Keyin yumshoq sim yordamida qismlarni ketma-ketlikda
birlashtiring.





Ketma-ketlikda yasab ko'ring.



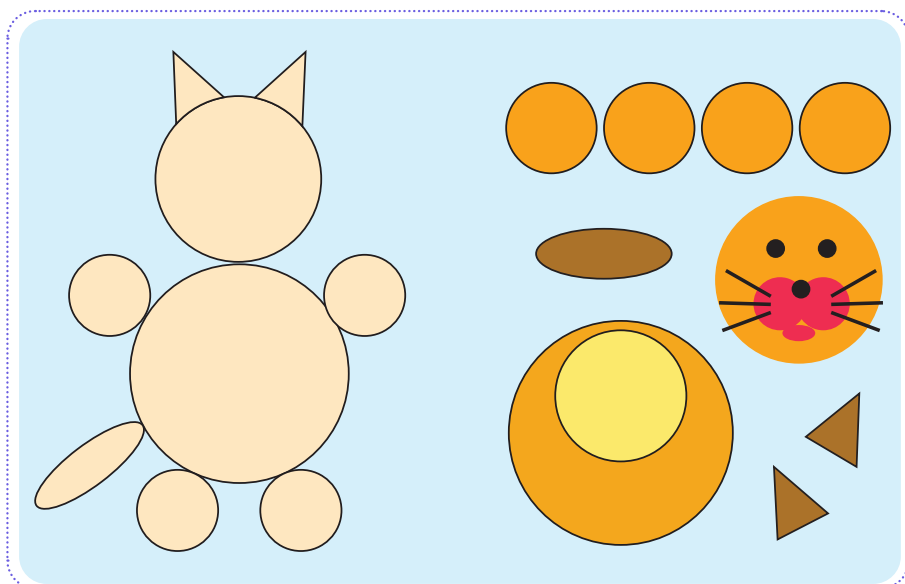
Yuqoridagi jonivor haqida nimalarni bilasiz? Ma'lumot to'plang va yozing.



Eskizdan foydalanib o'yinchoq yasang.

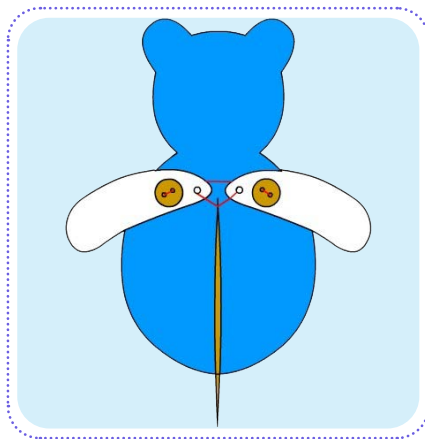
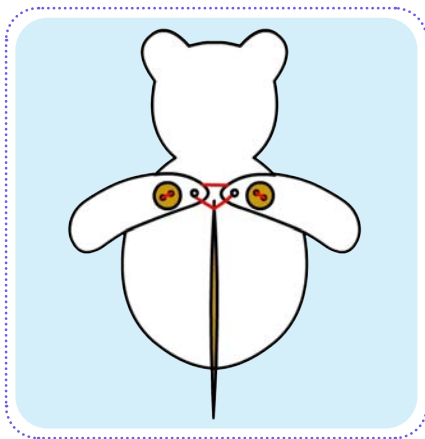


Qolip asosida hayvon shaklini yasang.





Harakatlanuvchi o'yinchoq chizmasini chizing.
Yetishmagan qismlarini to'g'rilab yasang.



Harakatli o'yinchoq yasaymiz.

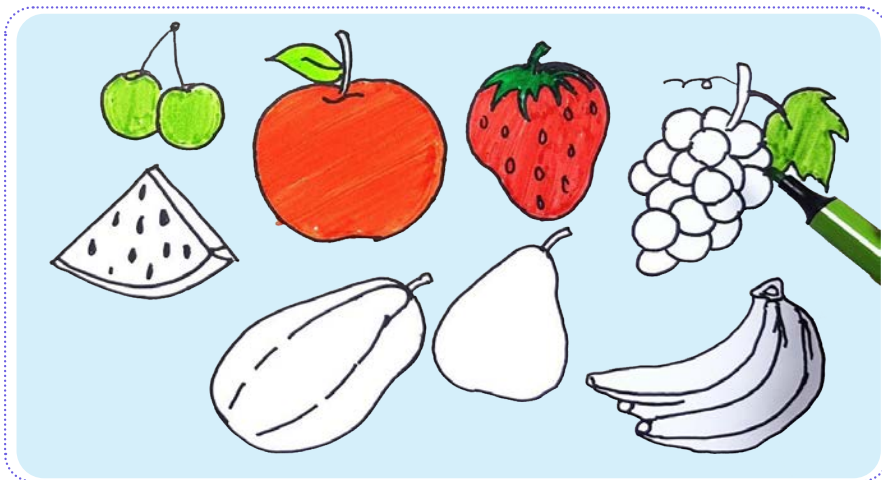
Kerakli materiallar: karton, qog'oz, qaychi, sirkul, yelim, yumshoq simlar, qalam, flomaster.



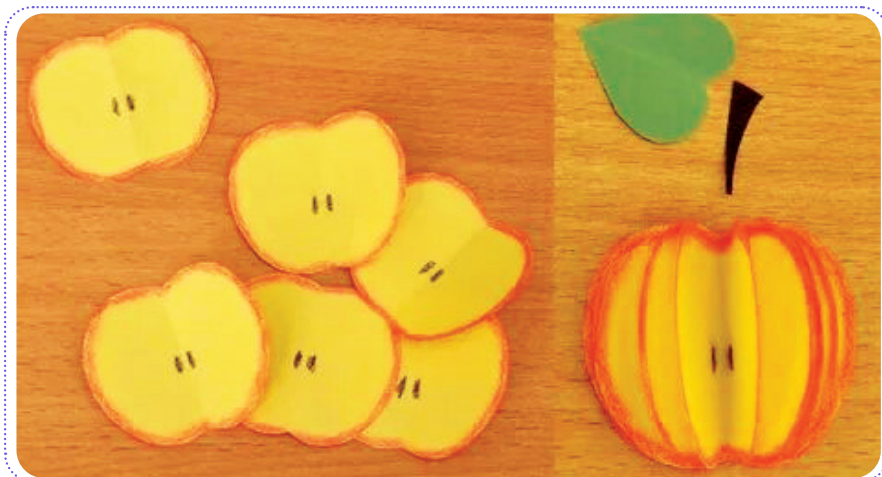
18–19-darslar. RANGLI QOG‘OZLARDAN HAJMDOR MEVA VA SABZAVOTLAR YASASH



Mevalarni ranglar bilan bo‘yang.



Olmani ketma-ketlikda yasab ko‘ring.

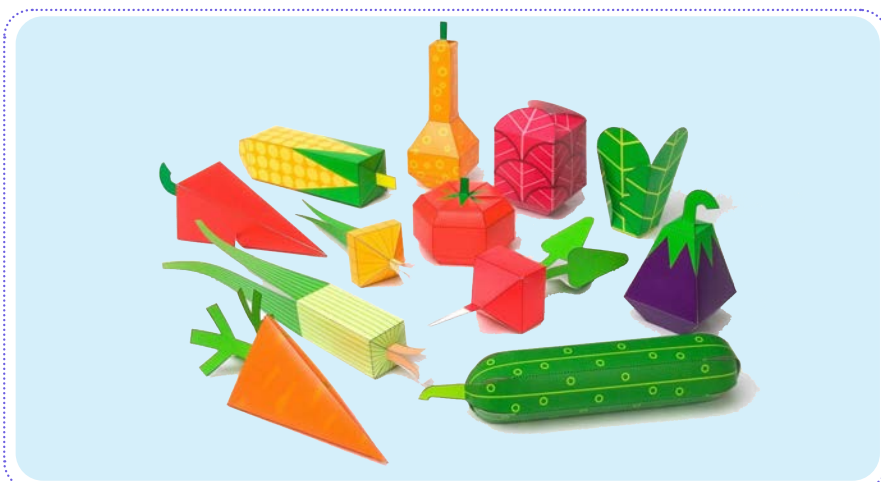




Urug'lardan foydalanib mozaika usulida yasang.



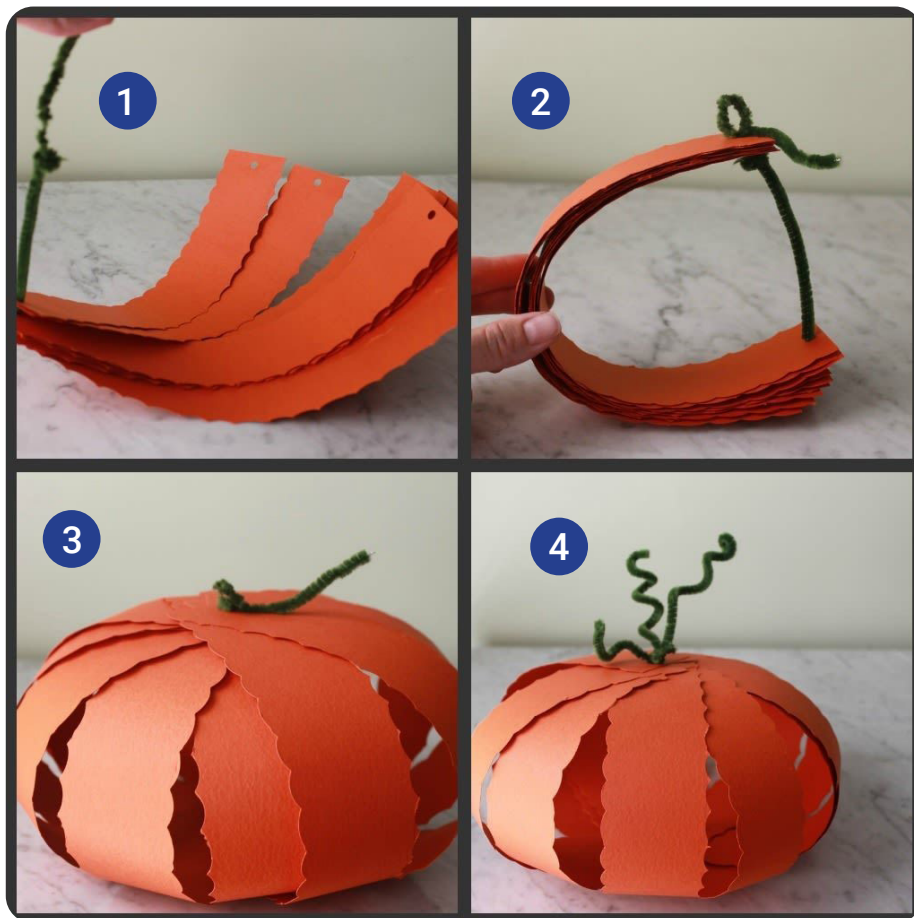
Meva va sabzavot yetishtiruvchilar to'g'risida ma'lumot to'plang.



Meva va sabzavotlarni bo'yang va ularni qog'ozdan applikasiya usulida yasang.



Mustaqil yasang.



Sabzavotlarning qanday turlarini bilasiz?



Sabzavot yetishtiruvchilar to'g'risida nimalarni bilasiz?
Bilgan ma'lumotlaringizni yozing.



20–21-darslar. PLASTMASSA IDISHLARDAN BUYUMLAR YASASH



Quyonglar haqida ma'lumot to'plang.





Plastmassa qoshiqlardan gullar yasang.



Plastmassa stakandan gultuvak yasang.



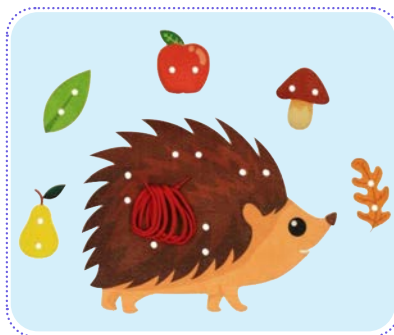


Polimer materiallardan yana nimalar yasash mumkin?
Shu haqida yozing.

22-dars. BADIY KONSTRUKSIYALASH ELEMENTLARI



Rasmdagi tipratikanlarning farqi nimada?
Fikringizni yozing.



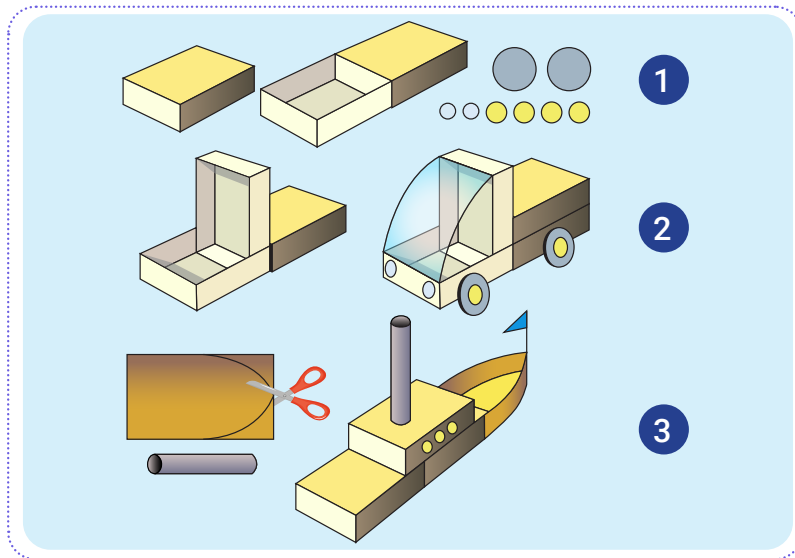


O'lcham olishni o'rganamiz va mashq qilamiz.

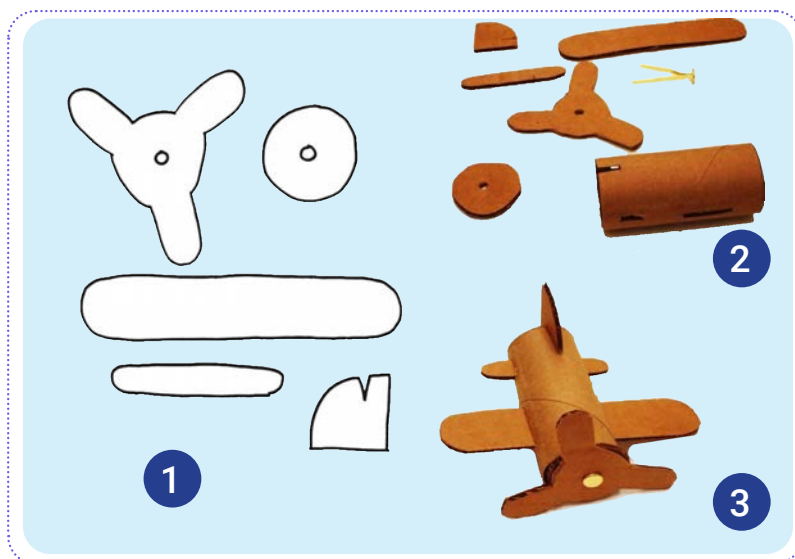




Kartondan ketma-ketlik asosida yasang.



Kartondan ketma-ketlik asosida yasang.



23–24-darslar. KARTONDAN SAHNA UCHUN ERTAK QAHRAMONLARINI YASASH



O'zingiz bilgan hayvonlar nomini yozing.





Qismlarni to'g'ri yig'ib, ayiqcha shaklini yasang.

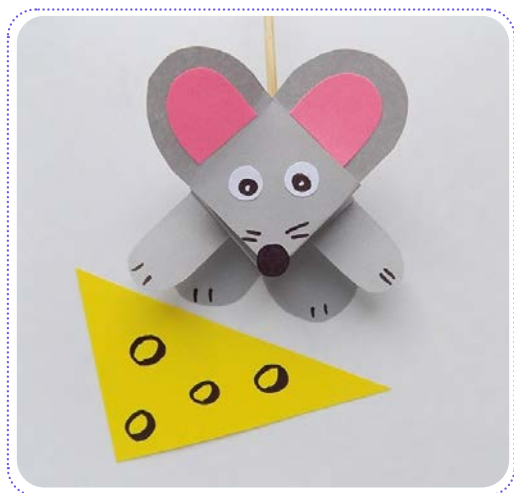




Quyov go'shtidan tayyorlangan mahsulotlar inson salomatligi uchun foydali ekani to'g'risida ma'lumot to'plang va yozing.



Sichqoncha nimadan va qanday yasalgan? Toping va yozing.





Bu hayvonlar bir-biridan nimasi bilan farq qiladi?



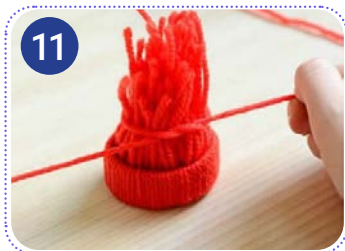
Archa o'yinchoqlari o'rtasidagi farqlarni toping.



25–26-darslar. TURLI QALINLIKDAGI IPLARDAN O'YINCHOQLAR YASASH



Ipdan ketma-ketlik asosida qalpoqcha yasab ko'ring.
Uni har xil rangdagi iplardan yasash mumkin.





Ip turlarini yozing.



Tikuvchilar to'g'risida ma'lumot to'plab yozing.

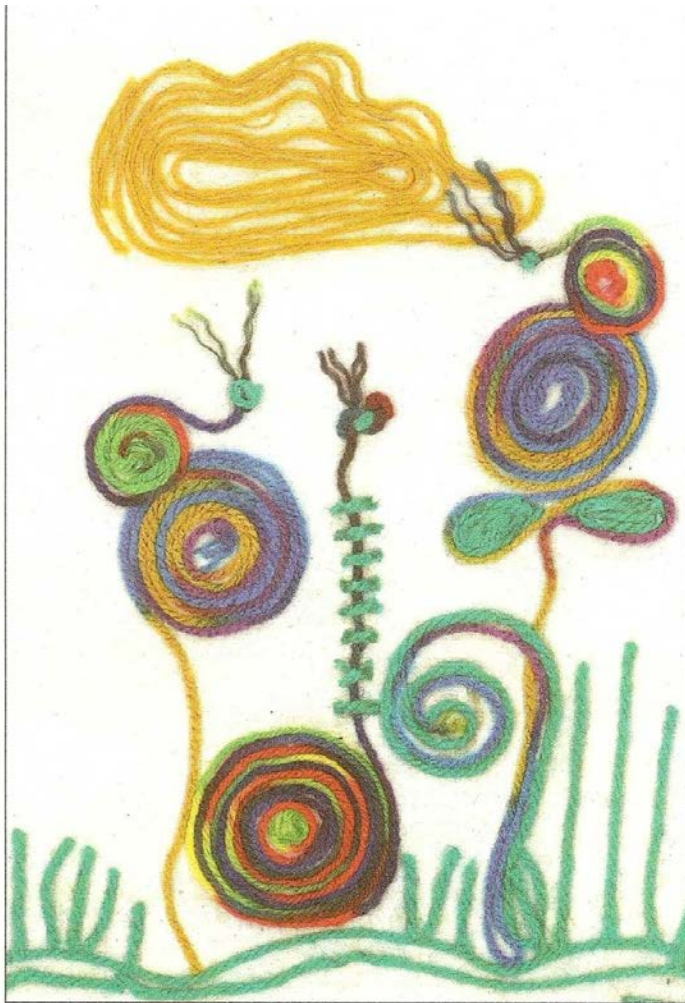


Ipdan gullar yasang.





Tikuvchilarning ish jihozlari nimalardan iborat? Yozing.





Kivi haqida nimalarni bilasiz?



27-dars. PAPYE-MASHE USULIDA SABZAVOT SHAKLINI YASASH

Papye-mashe usulida sabzavot yasashdan oldin sharni kerakli hajmda shishirib olasiz. So'ng iplarni tortasiz va kerakli shaklni tayyorlab, uning ustidan gazeta qog'ozlarini yelimlab chiqasiz.



Sabzavot turlarini yozing.

28-dars. KVILLING SAN'ATI



Kvilling usulida qushlarni mustaqil yasaymiz.



Kvilling usulida yasalgan qushlar olamiga sayohat qilamiz.





Qushlar nomini yozing.



Kvilling usulida turli hayvonlarni mustaqil yasaymiz.



Kvilling usulida yasashni o'rganamiz.





Ushbu hayvonchalarni yasang.



Qish fasli haqida ma'lumot to'plang va yozing.



29–30-darslar. KVILLING USULIDA KOMPOZITSIYA YARATISH



Baliqchalarni yasang.



Gullarni kvilling usulida yasang.



Kvilling san'ati namunalari



Gulchi haqida ma'lumot yozing.





Bahor faslida o'lkamizda qanday bayramlar nishonlanadi?
Shular haqida yozing.



Tovus shaklini kvilling usulida yasang.

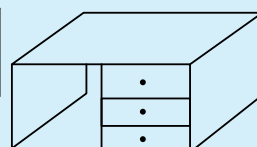
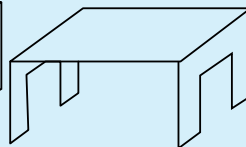
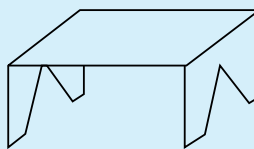
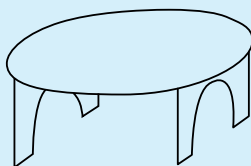
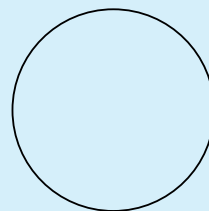
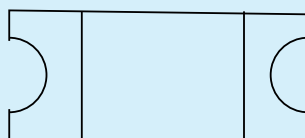
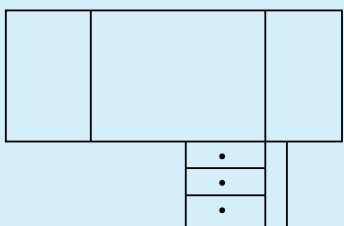
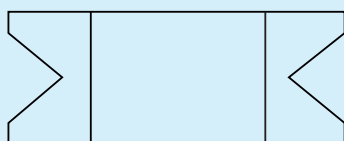


Tovus haqida nimalarni bilasiz? Bilganlaringizni
yozing.

31–32-darslar. QOG‘OZ QUTILARDAN TURLI MEBELLAR YASASH



Uy mebellari chizmasini tayyorlab oling va yasang.



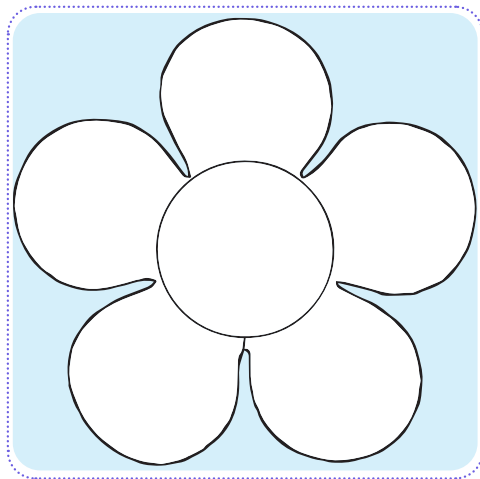
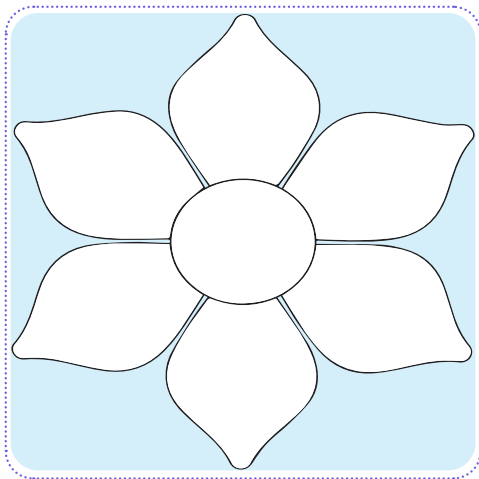
Mebel turlari, mebel yasovchi ustalar to‘g‘risida
ma‘lumot to‘plang va yozing.



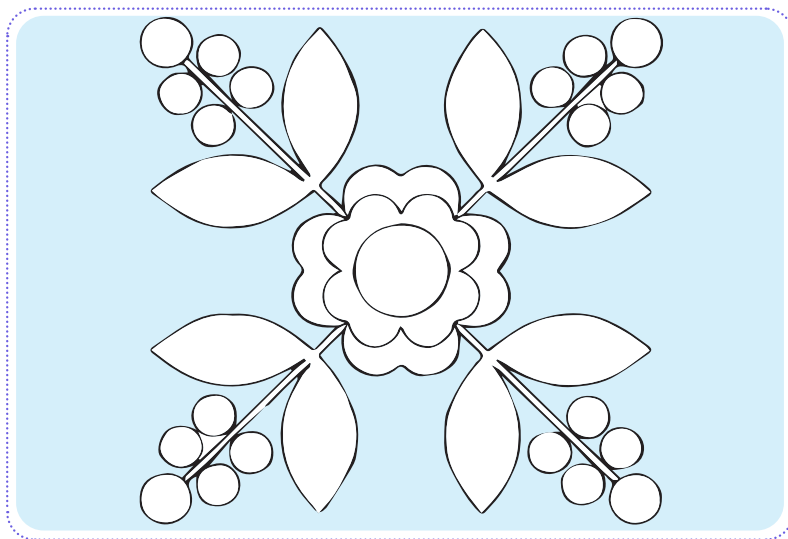
Kartondan chizmasini tayyorlang va kattalar ko'magida yasang.



33-dars. GAZLAMALARDAN NAQSH KOMPOZITSIYASI

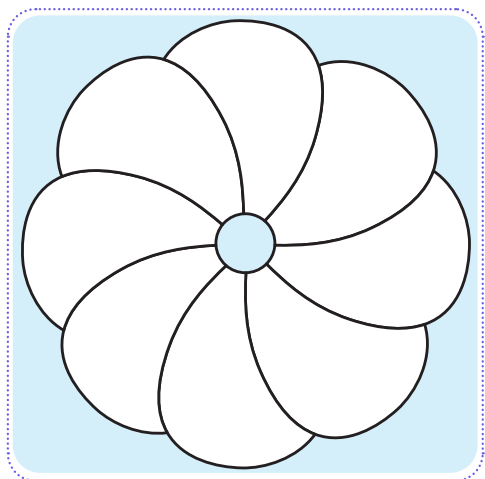
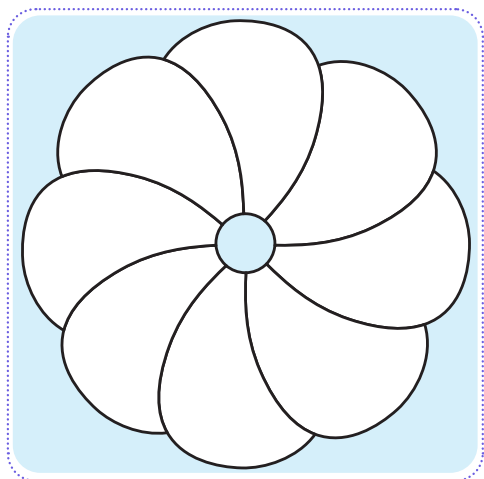


Gazlamadan naqshlar yasang.

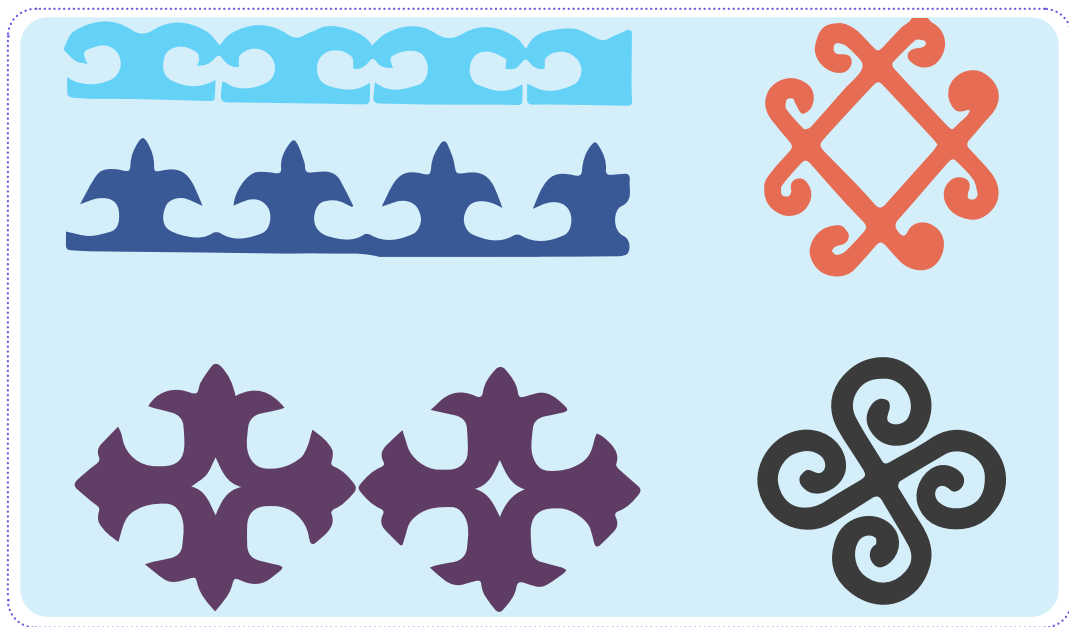




Chizmalar asosida shakllarni bo'yang.

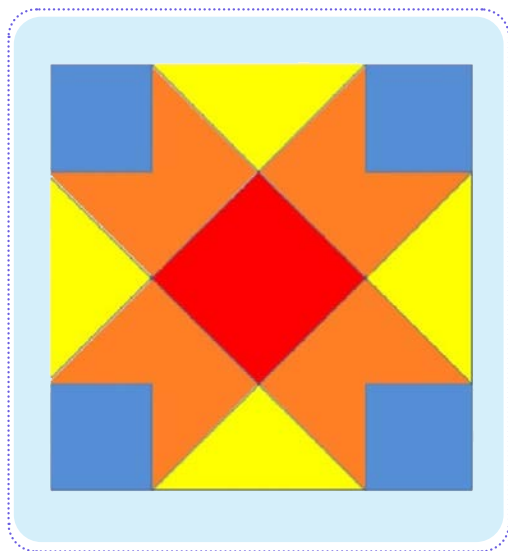
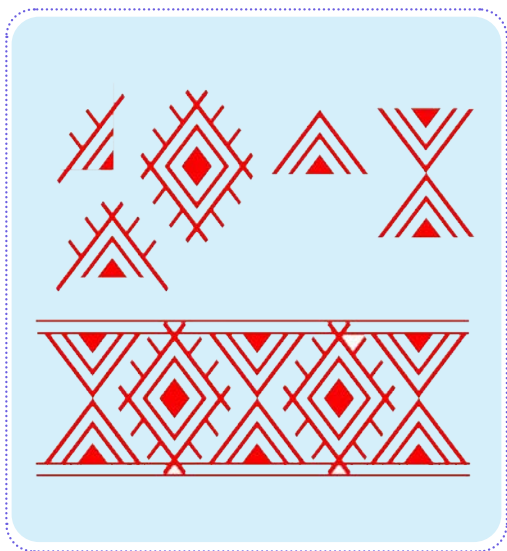


Naqshlarni chizing va gazlamalardan yasang.



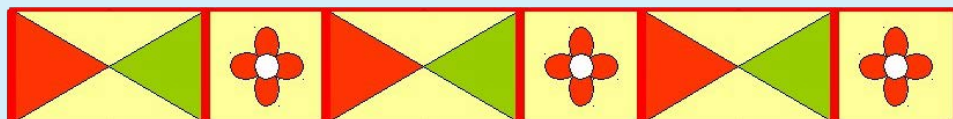
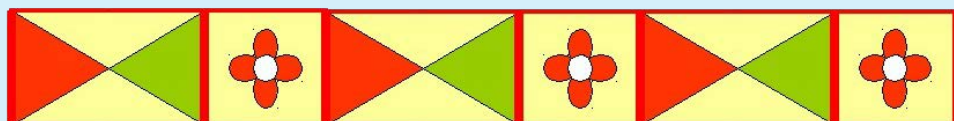
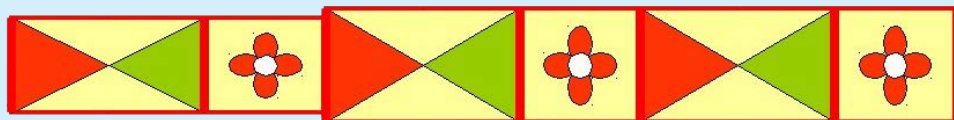


Naqshlarni chizing va gazlamalardan yasang.

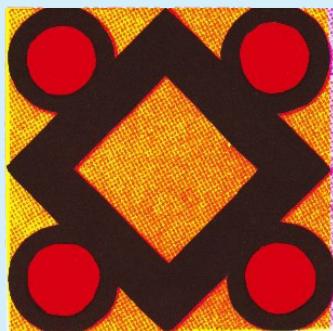




Naqshlar shaklini chizing.



Geometrik shakllardan naqsh tuzing.



34-dars. APPLIKATSIYA USULIDA PANNOLAR YARATISH



Kompozitsiya tuzamiz.





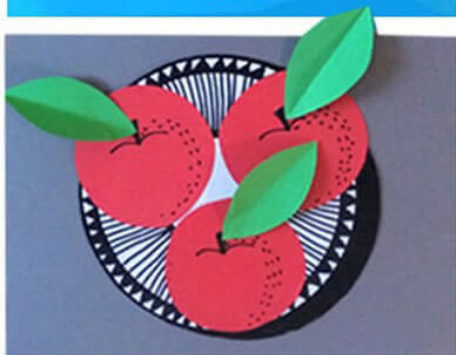
Fasllarga oid turli rangdagi mevalarni mustaqil yasang.



Panno yasashda qanday materiallardan foydalanamiz?



Turli rangdagi mevalarni mustaqil yasang.



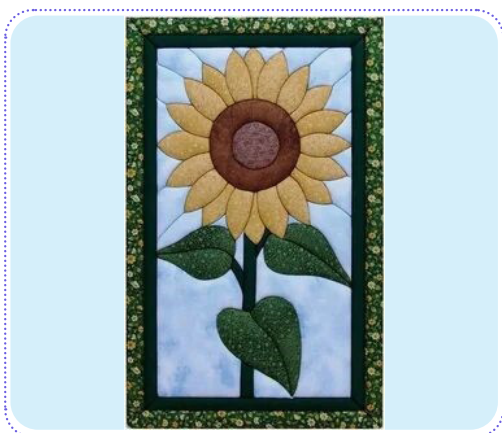


Applikatsiya usulida gullardan panno yasang.



Kvilling usulida panno yasaymiz.





Композитсияларда акс этган rasmlarni izohlang.



Kompozitsiyalarda qaysi fasllar aks etgan?
Ularga ta'rif bering.

X. R. Sanakulov

O'quv nashri

TEKNOLOGIYA

Umumiy o'rta ta'lim maktablarining 3-sinfi uchun
mashq daftari

(O'zbek tilida)

Muharrir: Orifjon Madvaliyev

Dizayner-rassom: Nafisa Sadikova

Texnik muharrir: Dadajon Sayfurov

Sahifalovchi: Shoxrux Turaxanov

Musahhih: Xurshidbek Ibrohimov

Bosishga _____da ruxsat etildi. Bichimi 70x90 1/16.

Roboto garniturası. Keglı 14. Ofset bosma.

Shartlı bosma tabog'i 00. Nashriyot-hisob tabog'i 00.

Adadi 0000 nusxa. Buyurtma № _____.