

# TEKNOLOGIYA

# 1







# TEKNOLOGIYA

## 1

Umumiy o'rta ta'lim maktablarining 1-sinfi uchun darslik  
O'zbekiston Respublikasi Xalq ta'limi vazirligi  
nashrga tavsiya etgan

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— savol



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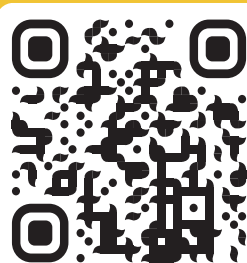
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— bizning yordamchilarimiz



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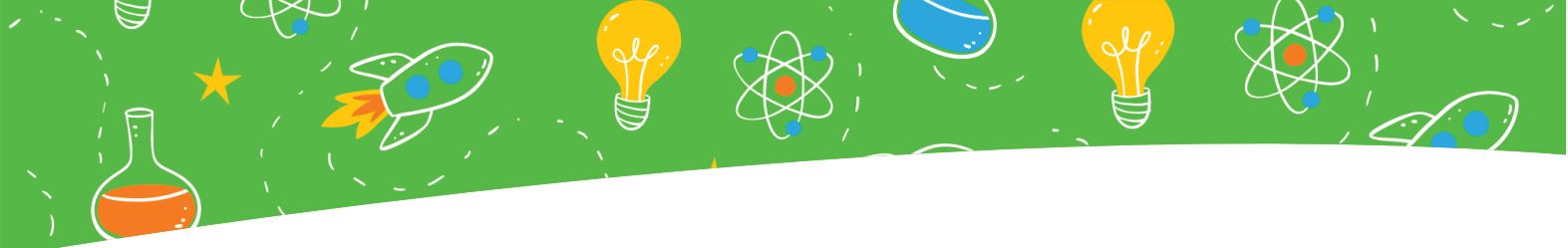
Darslikni to'ldiruvchi raqamli tashkil etuvchilarga o'tish uchun QR kod yoki veb saytdan foydalaning.

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## KIRISH

### Hurmatli o'quvchi!



Kattalarni lol qoldirishni istaysizmi?

Qog'oz va kartondan turli shakllar yasash, tabiiy materiallardan qiziqarli tasvirlar, tugmalardan turli shakllar hosil qilishni xohlaysizmi?

“Texnologiya” fani Sizga bu borada yaqindan yordam beradi.

Darslik yordamida Siz texnologik jarayonlarning bajarilish ketma-ketligini bilib olasiz. Amaliy mashg'ulotlar davomida mehnat qurollari bilan yaqindan tanishasiz, qaychi, yelim, mo'yqalam kabi anjomlar bilan ishlash qoidalarini o'rganasiz.

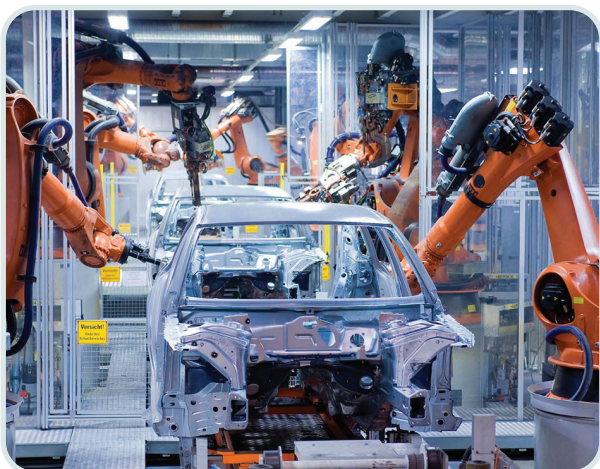
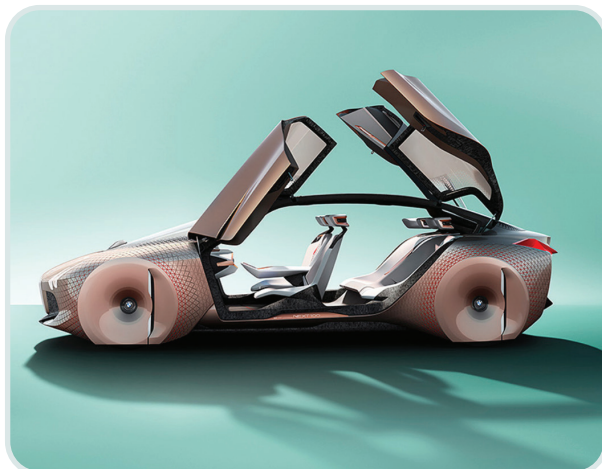
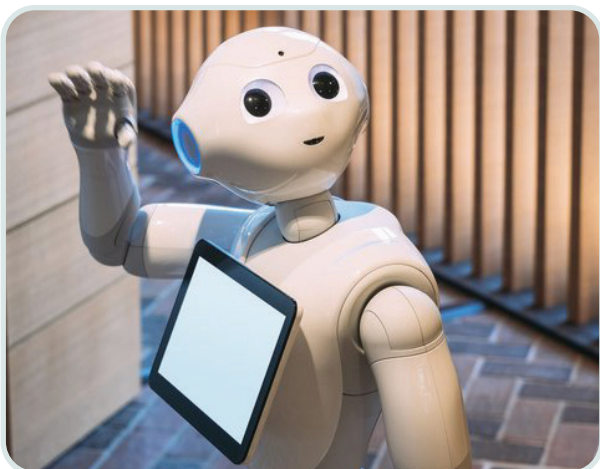
Mustaqil ijod qilishingiz, xohlagan buyumingizni yasay olishingiz uchun imkoniyatlar eshigi ochiladi. Darslikda berilgan topshiriqlarni sifatli bajarishda Sizga muvaffaqiyatlar tilab qolamiz.

*Mualliflar*

## 1-dars

# TEXNOLOGIYA OLAMI

Rasmda tasvirlangan texnikalarni diqqat bilan kuzating

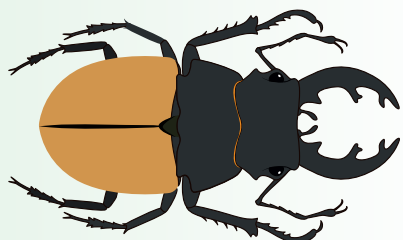
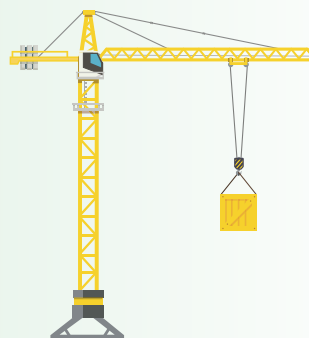
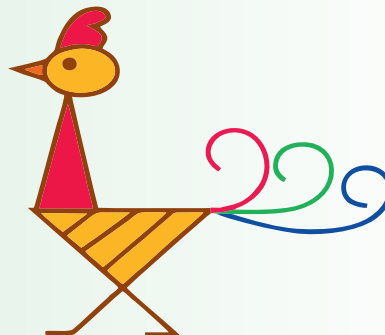
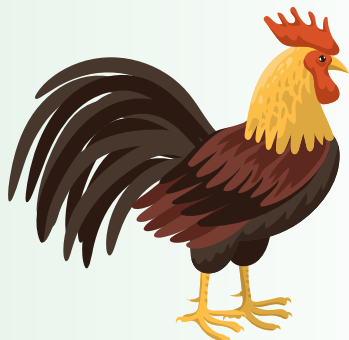


1. Siz bu texnikalarni qayerlarda ko'rgansiz?
2. Texnologiya olami haqida nimalarni bilasiz?

1-

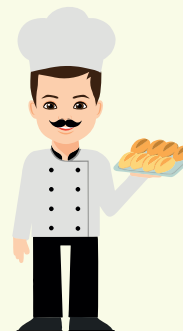
DARS

Quyida berilgan tasvirlarning o'xshash tomonlarini taqqoslang





## Texnologiya va kasblar bilan tanishamiz



1. Siz kundalik turmushda qanday texnologiyalardan foydalanasiz?
2. Zamonaviy texnologiyalar kishilar mehnatini qanday yengillashtiradi?

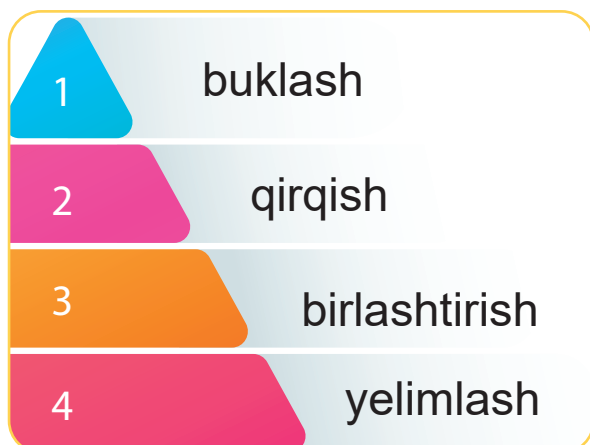
## Texnologiya o'zi nima?

Texnologiya mahsulot yaratish jarayonidir. Bu jarayonda uning foydali xususiyatlarini yo'qotmaslik kerak. Sifatli mahsulot xaridorgir bo'ladi. Texnologik jarayonlarni to'g'ri bajarib, sifatli mahsulot tayyorlashni o'rganamiz.



Har qanday buyum texnologik jarayon asosida tayyorlanadi.

## Texnologik jarayonda ketma-ketlik





## Non tayyorlash texnologik jarayoni

1



Don ekiladi va yetishtiriladi.

2



Don un holatiga keltiriladi.

3



Undan non tayyorlanadi.

4



Non iste'molga chiqariladi.

## Texnologiya darslarida ishlatiladigan ish qurollari



Qalam



Karton



Rangli qog'ozlar



Tabiiy materiallar



Yelim



Mo'yqalam



Qaychi



Chizg'ich

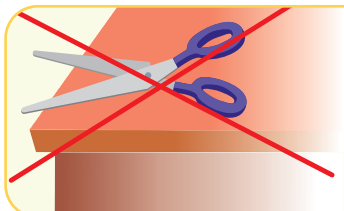


Qog'oz tekislagich



Ish qurollaridan foydalanishda xavfsizlik texnikasi qoidalariga rioya qiling.

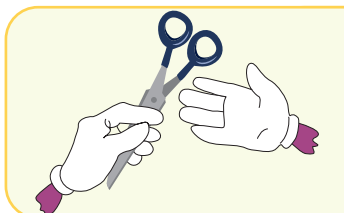
## 1. Qaychi bilan ishlash qoidalar



Qaychining tig'li tomonini ochiq qoldirish mumkin emas.

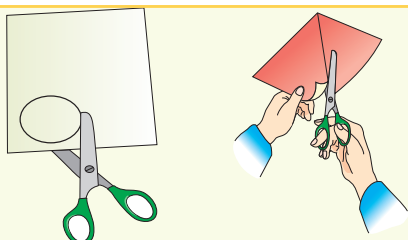


Qaychining tig'li tomonini yuqoriga qaratib og'zi ochiq holda ushlamaslik kerak.

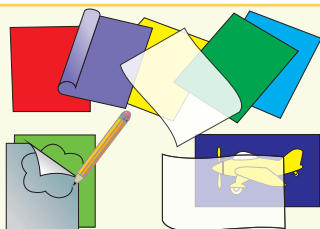


Qaychini tig'li tomonini yopgan holatda, band tomoni bilan uzatish lozim.

## 2. Qaychi bilan ishlash texnikasi

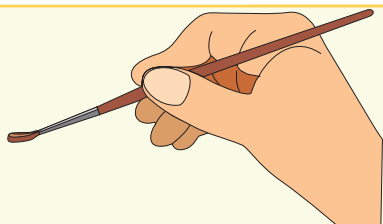


Qog'ozni qirqish vaqtida qaychini emas, qog'ozni aylantirib kesing.

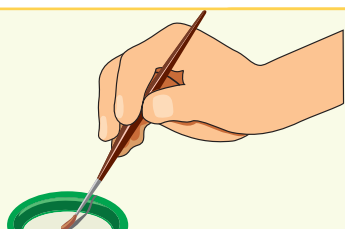


Qog'ozdan to'g'ri foydalaning.

## 3. Yelim bilan ishlash qoidalari



Mo'yqalamni to'g'ri ushlang.



Mo'yqalam uchini yelimga botirib oling va yelimni detalning teskari tomonidan surting.



Ish jarayonida tozalikka rioya qilgan holda kerakli vositalar (karton, qog'oz, maxsus polimer tagliklar)dan foydalaning.



Detal bir tekis yopishishi uchun salfetskadan foydalaning.



Yelim qopqog'ini ochiq qoldirmang. Ish tugaganidan keyin, mo'yqalamni yaxshilab yuvib, taglikda quriting.



Amaliy mashg'ulot jarayonida texnika xavfsizligi qoidalariga rioya qilishni unutmang.



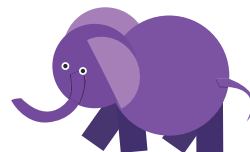
Aziz bolajonlar! Biz dastlab qalam, chizg'ich, rangli qog'oz, qog'oz tekislagich, qaychi, yelim, mo'yqalam bilan ishlashni o'rganamiz.

Turli shakllar  
orqali borliqni  
**kashf etamiz.**

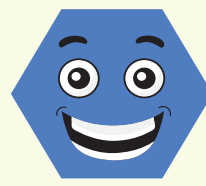
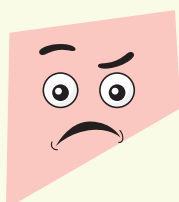
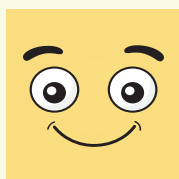


Qog'oz bilan  
ishlash sirlarini  
**bilib olamiz.**

Turli mavzularga  
oid applikatsiyalar  
yaratishni  
**o'rganamiz.**



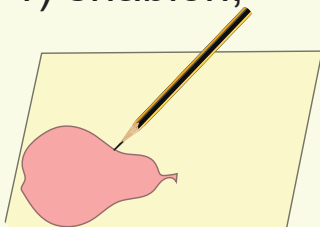
Rasmdagi shakllar nomini ayting:



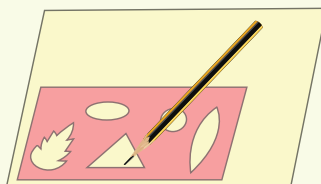
Shakllarni qog'ozga tushirish uch xil usulda amalga oshiriladi. Ular quyidagicha:



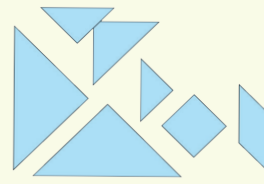
1) shablon;



2) trafaret;

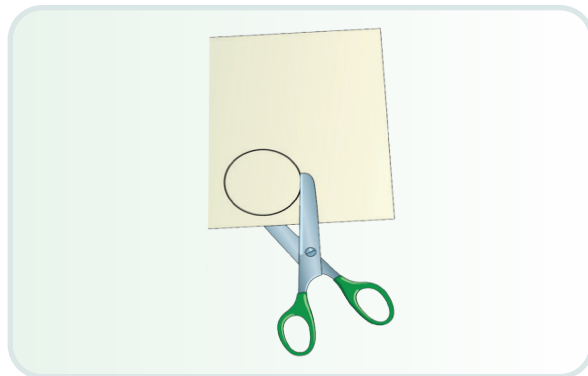
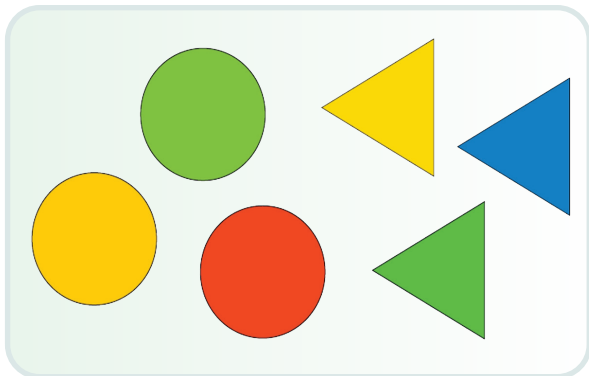


3) tangram.

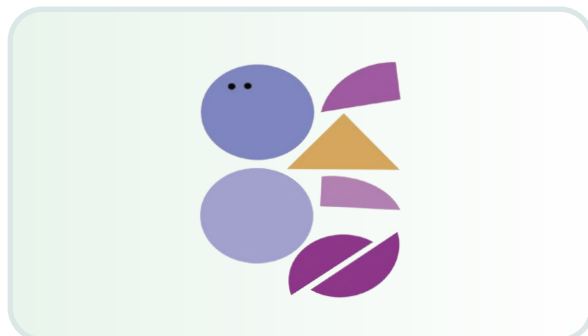
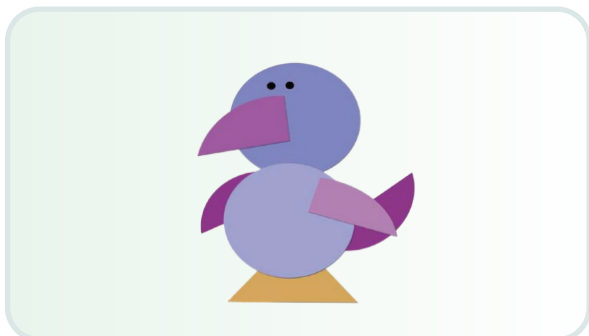
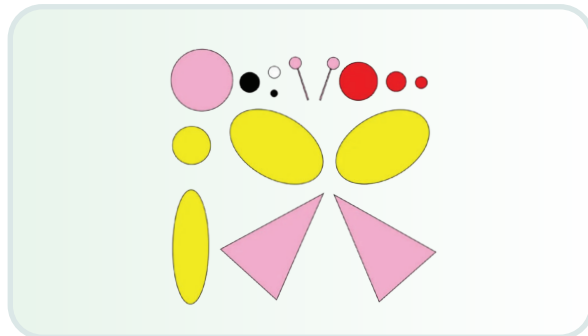
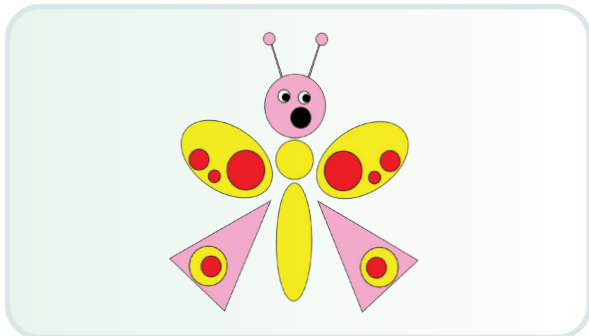




## Geometrik shakllarni hosil qiling



## Shakllardan foydalanib yasang



Geometrik shakllardan foydalanib o'zingiz xohlagan narsalar shaklini yasang.

Quvnoq raqamlar bilan tanishing va tahlil qiling

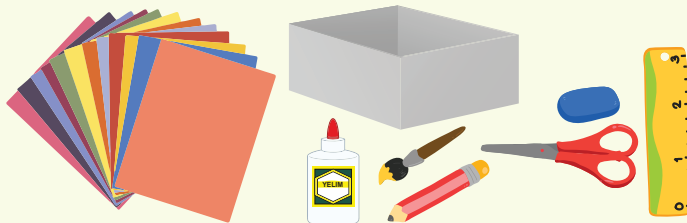




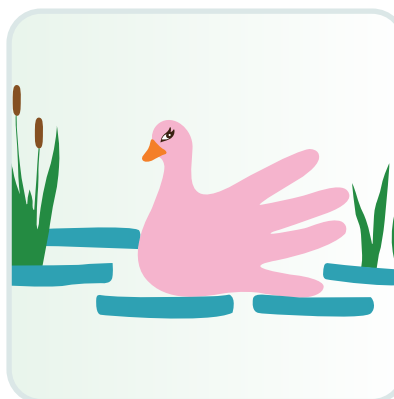
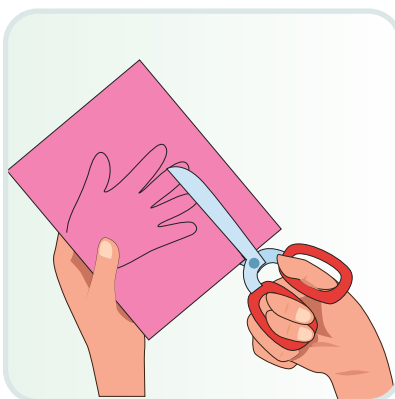
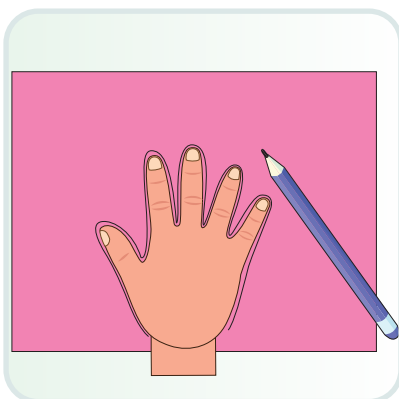
Applikatsiya – badiiy san’at asarlari yaratishning eng sodda va oson usuli. Applikatsiya ishida asosiy material qog’oz hisoblanadi.

### Quvnoq raqamlardan turli shakllar hosil qiling

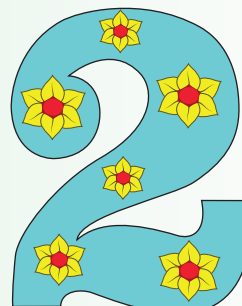
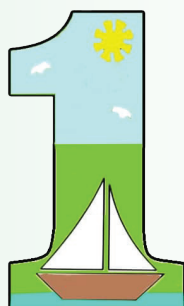




## 1. Oqqush shaklini yasash



## 2. Applikatsiya usulidan foydalanib raqamlarni bezash



Tug'ilgan kun yoki bayram tadbirlari uchun raqamlarni applikatsiya usulida bezatishga harakat qiling.

Aziz bolajonlar! Endi sizlar bilan tabiiy xomashyolar yordamida shakllar yasaymiz.

Tabiat sirlari  
va hodisalarini  
**bilib olamiz.**



Mahorat  
sirlarini  
**kashf etamiz.**

Tabiiy materiallardan  
applikatsiya yaratishni  
**o'rganamiz.**





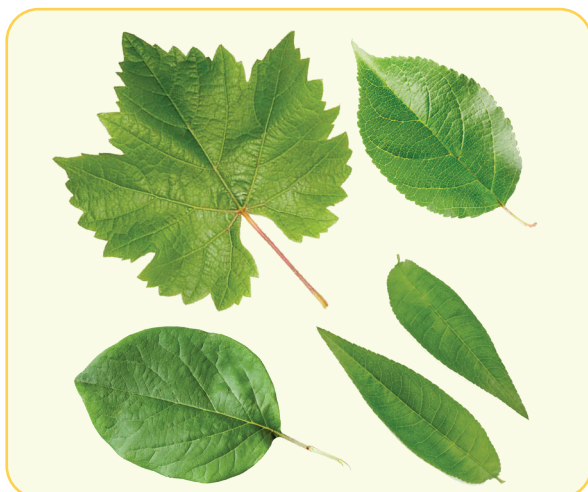
5—6—  
darslar

## TABIY MATERIALLAR. BARGLARDAN IXTIYORIY SHAKLLAR YASASH

Quyidagi tabiiy materiallarni hayotda ko'rganmisiz?



1. Mevali daraxt barglari



2. Mevasiz daraxt barglari





Tabiiy material hisoblangan barglarni quritish uchun ularni quyosh nuri tushmaydigan joyga qog'oz yoki mato ustiga yoyib qo'yish kerak.

### Barglarni quritish ketma-ketligi



Barglarni saralab, tozalab oling.



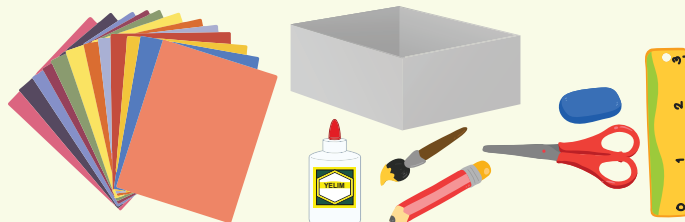
Dastlab barglarni qog'ozlar orasiga qo'ying.



Keyin esa ustidan qalin qog'ozni yopib, og'ir buyumni bostirib qo'ying.



Agar barglarni uzoq vaqt saqlamoqchi bo'lsangiz, qog'ozni vaqti-vaqti bilan almashtirib turing.



### Barglarni applikatsiyaga tayyorlash usullari



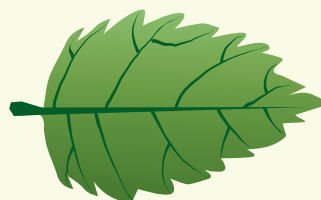
Barglardan shakllar yasang.

7-dars

# TABIIY VA TURLI MATERIALLARDAN HAYVONLAR SHAKLINI YASASH

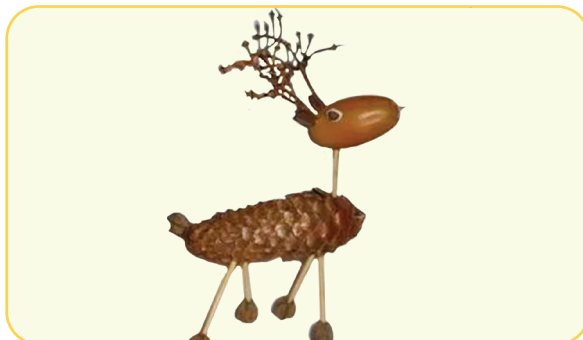


## 1. Quyon shaklini yasash





## 2. Kiyik shaklini yasash



## 3. Tipratikan shaklini yasash

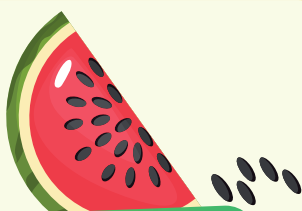


Tabiiy va turli materiallardan hayvonlar shakllarini yasang.

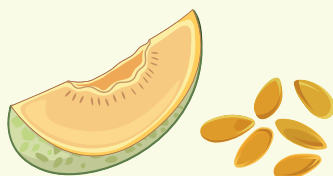
## 8-dars

URUG' LARDAN NAQSH  
YASASH

Bizga kerakli urug'lar



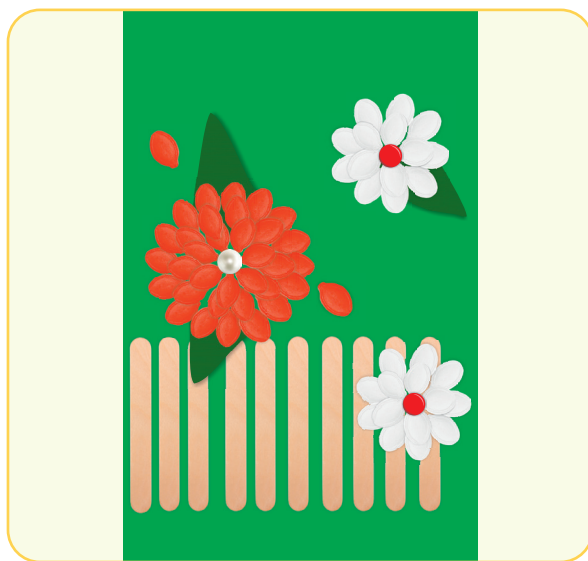
tarvuz urug'i



qovun urug'i



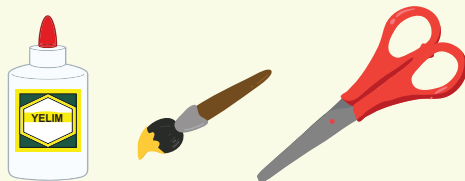
qovoq urug'i



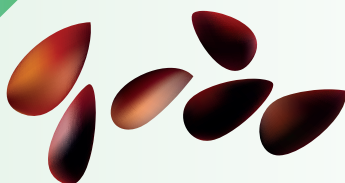
Applikatsiyada iste'mol uchun ishlatiladigan  
urug' va donlardan foydalanmang!



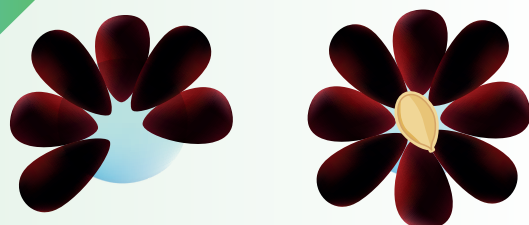
## Urug'lardan naqsh tuzish



1



2



1



2



Tabiiy materiallardan soat shaklini  
applikatsiya usulida yasang.



9-dars

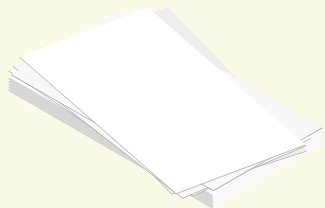
# TABIY MATERIALLARDAN TIPRATIKAN SHAKLINI YASASH



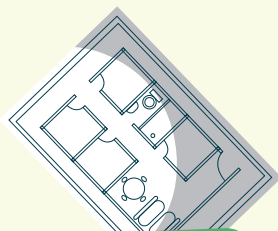
Applikatsiya usulida tipratikan shaklini yakunlang.

# QOG'UZ VA UNING TURLARI. QOG'OZNI BUKLASH USULLARI

## Qog'oz turlari



Matbaa qog'ozi



Chizma qog'ozi



Uy-ro'zg'or qog'ozi



Gofri qog'ozi



Gazeta qog'ozi

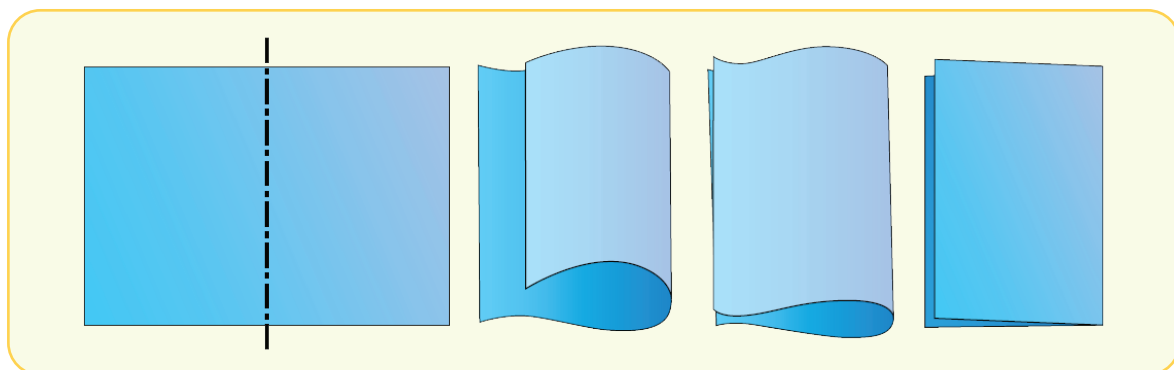


Rangli qog'oz

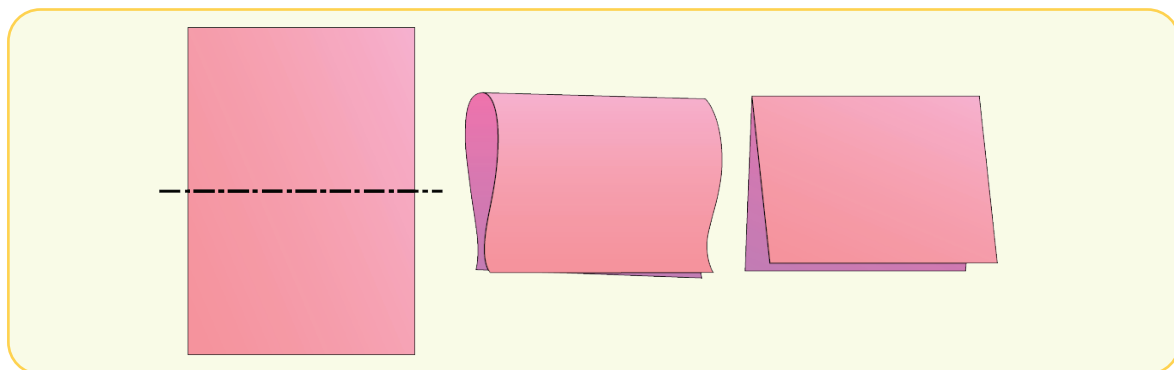


Qog'ozning yana qanday turlari borligini toping va o'rtoqlaringizga aytib bering.

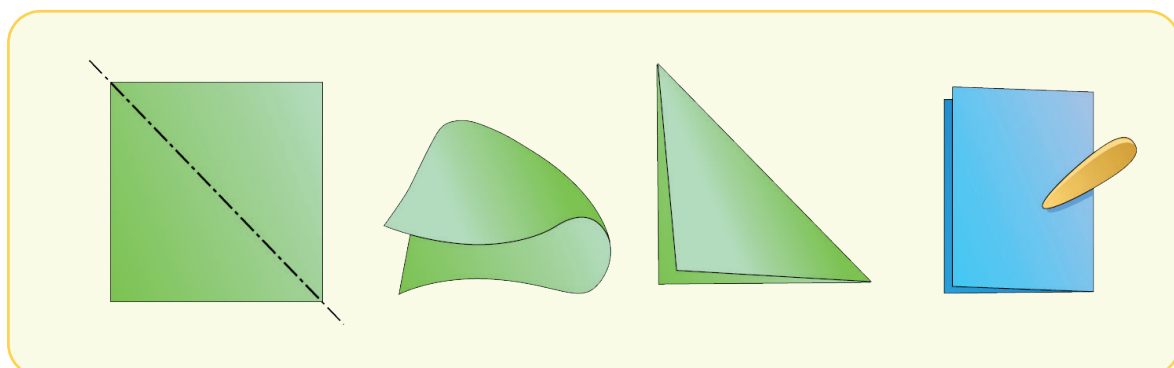
### 1. Qog'ozni vertikal buklash usuli



### 2. Qog'ozni gorizontal buklash usuli

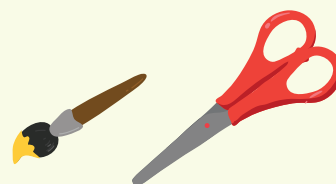


### 3. Qog'ozni burchak ostida buklash usuli



11–12–  
darslar

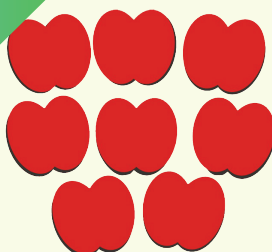
# “KUZ NE’MATLARI” MAVZUSIDA KOMPOZITSIYA YASASH. JAMOA ISHI



1



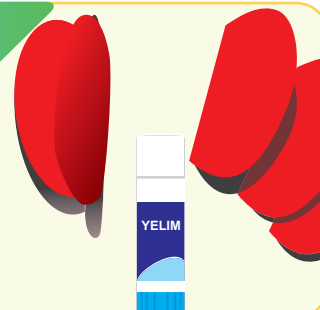
2



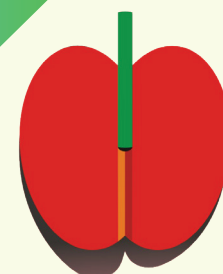
3



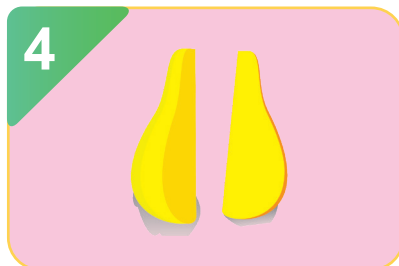
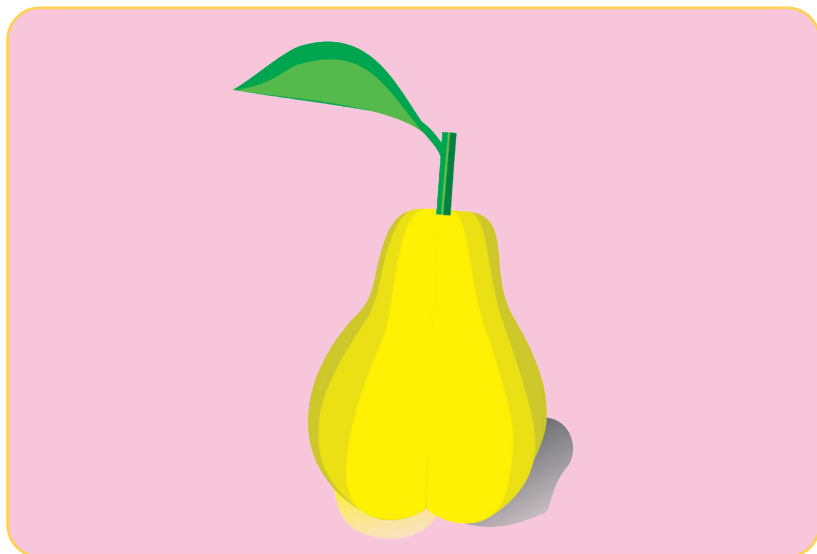
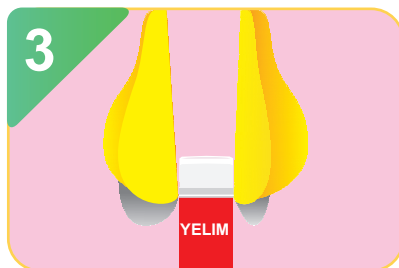
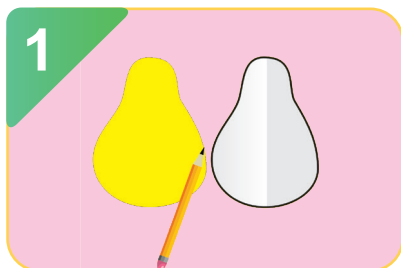
4



5







Kuzda pishadigan mevalar shaklini rangli qog'ozdan yasang.

13-dars

## QO'ZIQORIN SHAKLINI YASASH



1. Qo'ziqorin qayerlarda o'sadi?
2. Uni iste'mol qilish mumkinmi?



Qo'ziqorinlarni o'rganing va tahlil qiling.

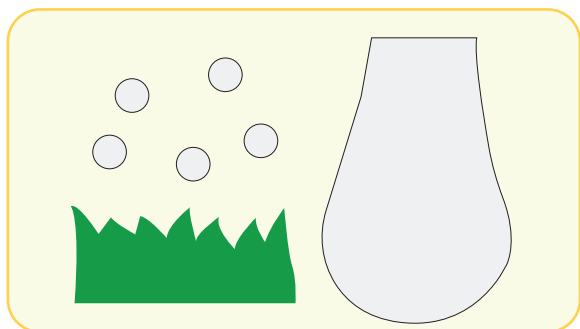
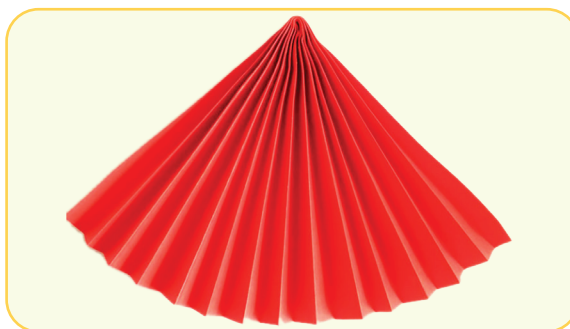
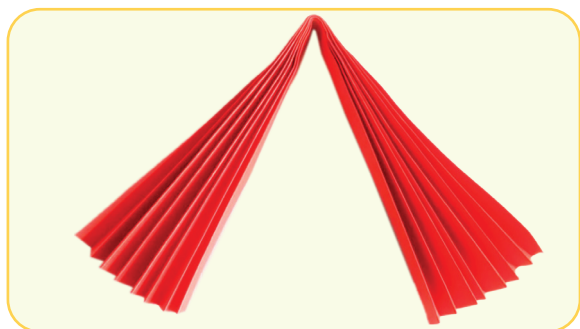
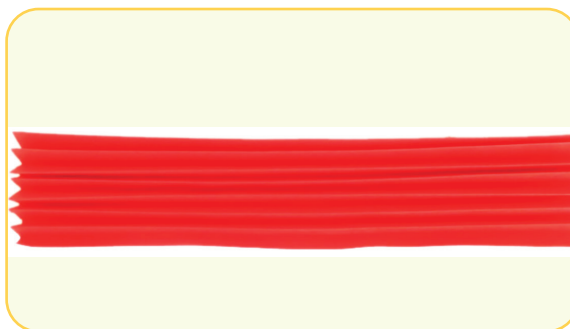
### 1. Iste'molga yaroqli qo'qizorinlar



### 2. Zaharli qo'ziqorinlar



## Qo'ziqorin yasash



Qo'ziqorin shaklini yasashni yakunlang.

14-dars

## QURUVCHILIK KASBI. UYCHA QURISH

**Aziz o'quvchilar!**



Osmono'par binolar, maktab, shifoxona, dam olish maskanlarini qaysi kasb egalari quradi?



Quruvchi – konstruktor-muhandislar loyihasi asosida inshootlarni bunyod qiluvchi kasb egasi.





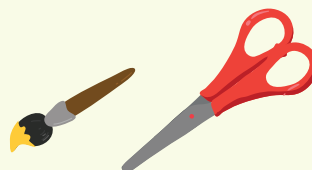
Quruvchi bo'lish uchun nimalarni bilish kerak?



Quyidagi rasmlar asosida quruvchi kasbiga izoh bering.



Qog'ozdan uycha maketini yasash



1



2



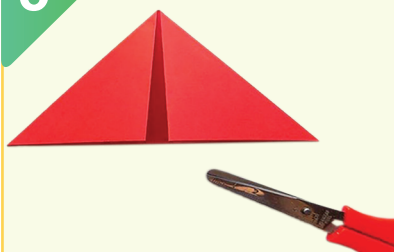
3



4



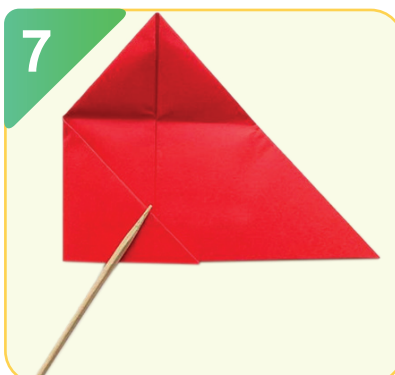
5



6



7



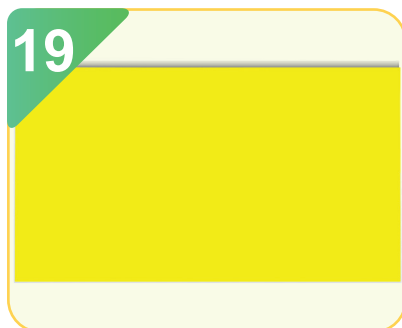
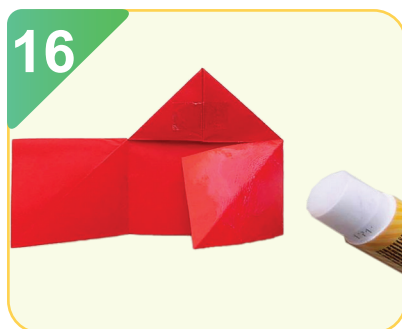
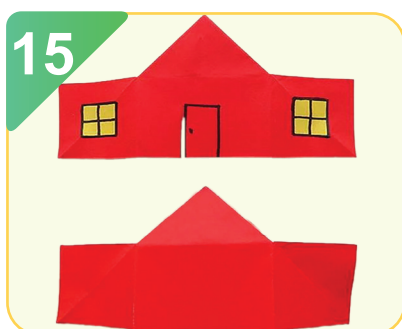
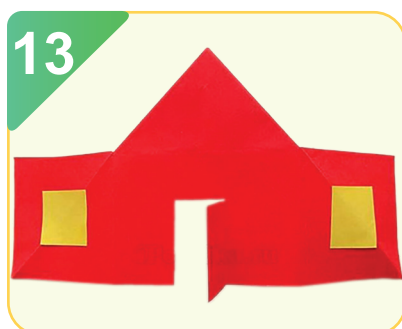
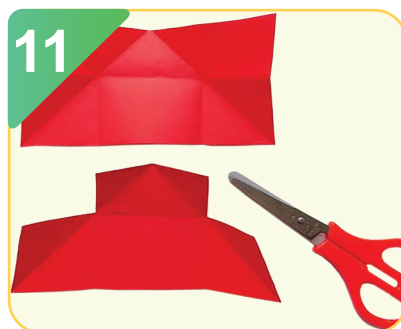
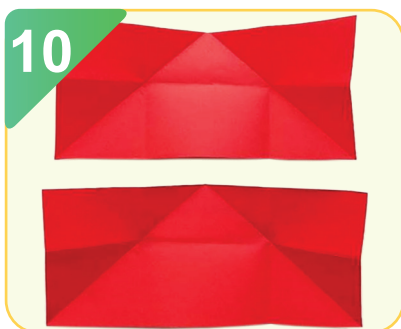
8



9







Uycha maketini yasashga harakat qiling.

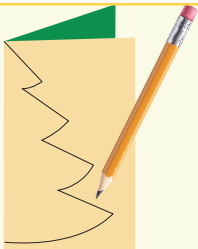
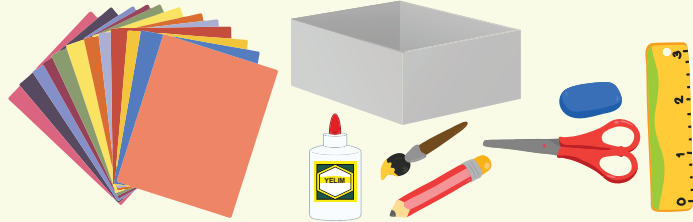
## TURLI QOG‘OZLARDAN YANGI YIL ARCHASI VA UNING BEZAKLARINI YASASH

Yangi yil bayramida archa bezatiladi.

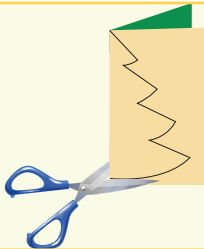
Avval archa yasang. Archani bezatishda o‘zingiz tayyorlagan o‘yinchoqlardan foydalaning.



Archani bir necha xil usulda yasash mumkin.  
Biz buning ikki xil usulini ko‘rib chiqamiz.



Rangli qog'ozni ikkiga buklab, qalam bilan archa shaklini chizib olamiz.



Qaychi bilan kontur chizig'i bo'ylab qirqib chiqamiz. Jarayonni ikki marta takrorlaymiz.



Yelim yordamida archalarni yopishtirib olamiz. Tasmadan ilgak tayyorlab, uni yelim bilan archaga yopishtiramiz.

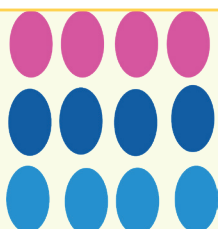


Har xil rangli iplardan qor uchqunlari yoki yomg'ir tomchilarini yasab olamiz.



Archaga yelim surtib, surtilgan yelim ustiga qor uchqunlarini sepib chiqamiz.

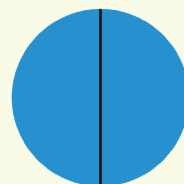
## Archa uchun o'yinchoqlar yasash



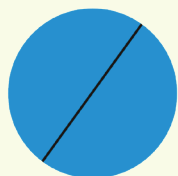
Kerakli shakllarni  
kesib olamiz.



Shaklni teng  
ikkiga buklaymiz.



Birinchi shaklning  
bir tomonini  
ikkinchi shaklning  
bir tomoniga  
yelimlaymiz.



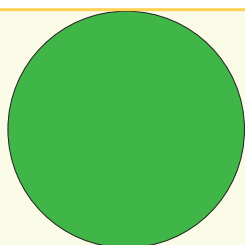
Ortiqcha  
yelimlarni mato  
bilan artamiz.



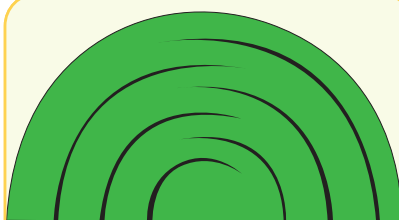
Shakl orasini  
ochamiz.



Archaga osish  
uchun tayyor  
o'yinchoqqa ipni  
yelimlaymiz.



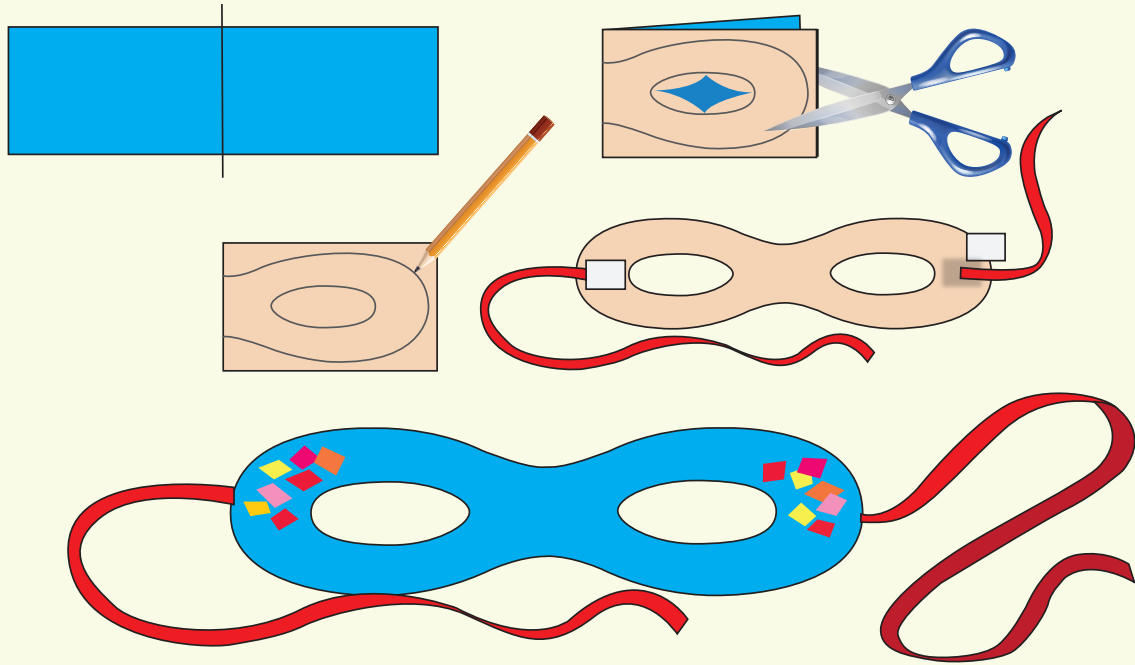
Shaklni kesib  
olamiz va teng  
ikkiga buklaymiz.



Tasvir asosida  
chiziq chizamiz va  
uni qirqamiz.



Tayyor bo'lgan  
o'yinchoqqa ipni  
yelimlaymiz.



1. Karton qog'ozni ikkiga buklab, niqob ko'zoynak rasmini chizamiz.
2. Qaychi bilan kontur chiziqlar bo'ylab qirqib olamiz.
3. Tasmalarni niqobning teskari tomoniga yelimlab olamiz.
4. Turli shakllardan foydalanib niqobni bezatib chiqamiz.

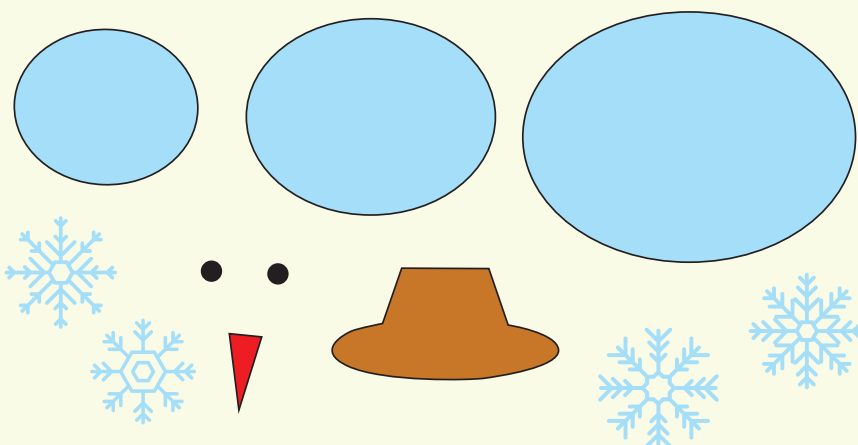
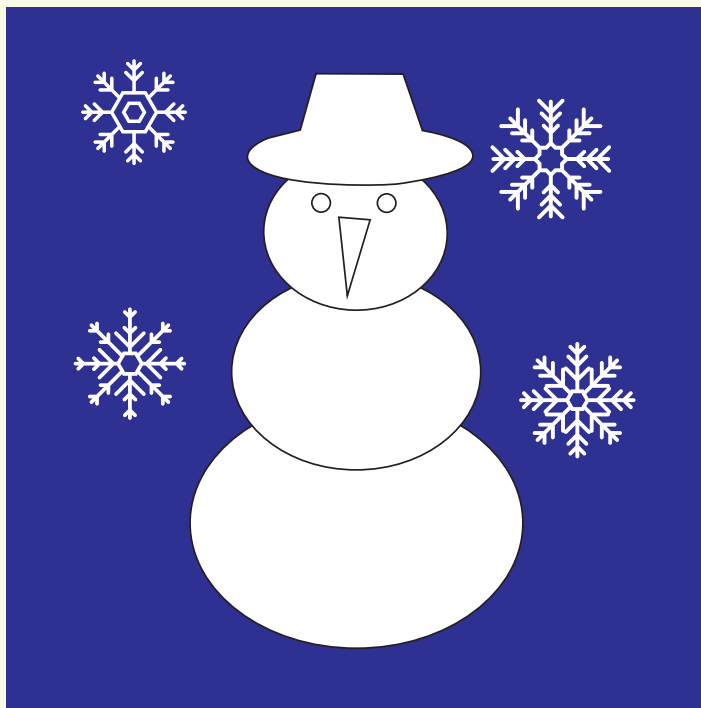


Yangi yil bayrami uchun niqob yasashga harakat qiling.



## APPLIKATSIYA USULIDA QISH MANZARASINI YASASH





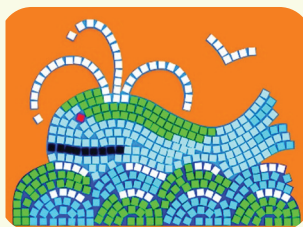
O'zingiz xohlagan shakllardan  
foydalanib qish manzarasini yarating.

18-dars

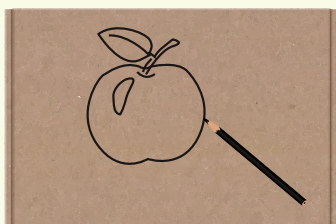
# MOZAIKA USULIDA OLMA SHAKLINI YASASH



Mozaika har xil bo'laklardan shakl hosil qilishdir. Mozaikadagi shakllar rangi va tuzilishiga ko'ra bir-biridan ajralib turadi.



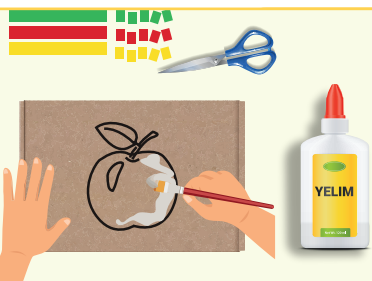
## Olma shaklini yasash texnologiyasi



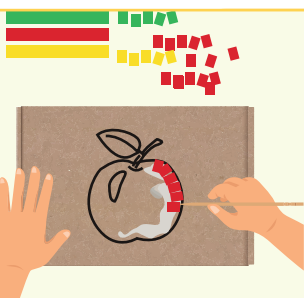
Kartonning markaziga shablon yordamida olma shaklini chizamiz.



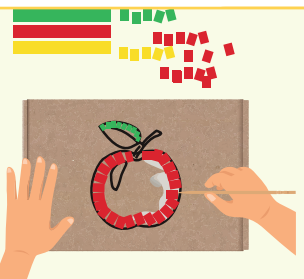
Qizil, sariq, yashil rangli qog'ozlarni olib, ularni chetidan boshlab bir xil o'lchamda maydalab chiqamiz.



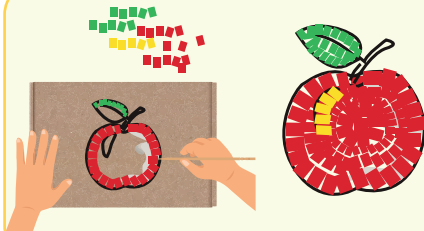
Kontur chizig'idan chiqmasdan PVA yelimini yupqa qilib surtamiz.



Maydalangan qog'oz parchalarini tishkavlagich bilan kontur bo'ylab yopishtirib chiqamiz. Yelimning ortiqchasini qog'oz sochiq bilan olib tashlaymiz.



Barglarini ham shu tartibda yopishtiramiz. So'ng olma o'rtasini o'z xohishimizga ko'ra to'ldiramiz.



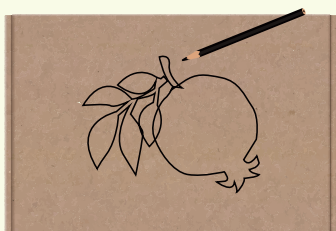
Tayyor bo'lgan applikatsiyani quritamiz.



Olma shaklini yasashni yakunlang.

## MOZAIKA USULIDA XURMO VA ANOR SHAKLLARINI YASASH

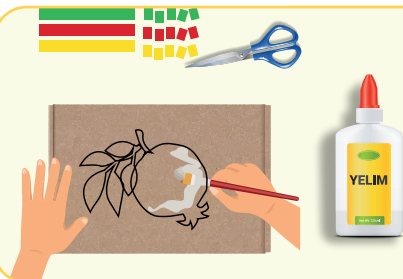
### 1. Anor shaklini yasash texnologiyasi



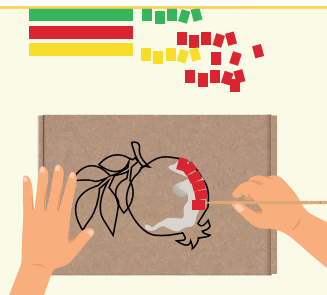
Kartonning markaziga shablon yordamida anor shaklini chizamiz.



Qizil, sariq, yashil rangli qog'ozlarni olib, ularni chetidan boshlab bir xil o'lchamda maydalab chiqamiz.

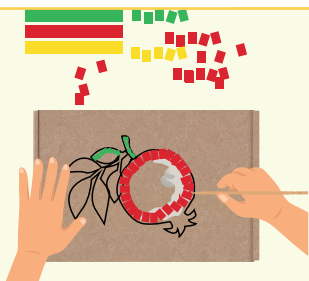


Kontur chizig'idan chiqmasdan PVA yelimini yupqa qilib surtamiz.

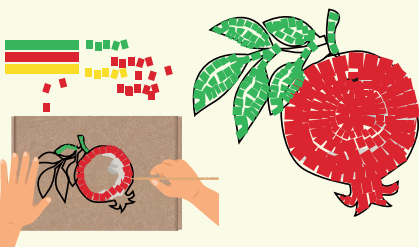


Maydalangan qog'oz parchalarini tishkavlagich bilan kontur bo'ylab yopishtirib chiqamiz. Yelimning ortiqchasini qog'oz sochiq bilan olib tashlaymiz.



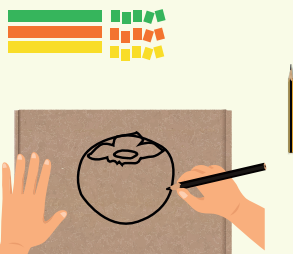


Barglarini ham shu tartibda yopishtiramiz. So'ng anor o'rtasini o'z xohishimizga ko'ra to'ldiramiz.



Tayyor bo'lgan applikatsiyani quritamiz.

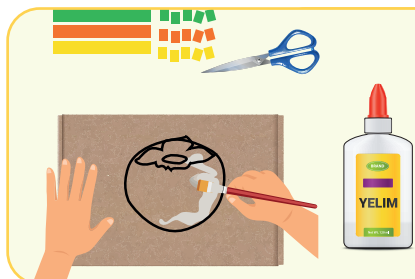
## 2. Xurmo shaklini yasash texnologiyasi



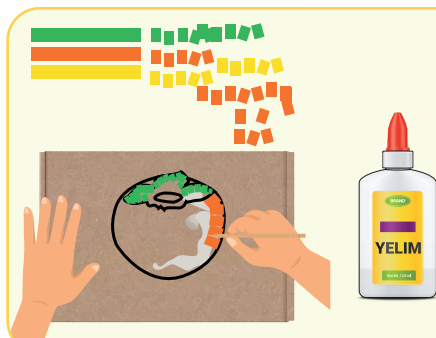
Kartonning markaziga shablon yordamida xurmo shaklini chizamiz.



Olovrang va yashil rangli qog'ozlarni olib, ularni chetidan boshlab bir xil o'lchamda maydalab chiqamiz.



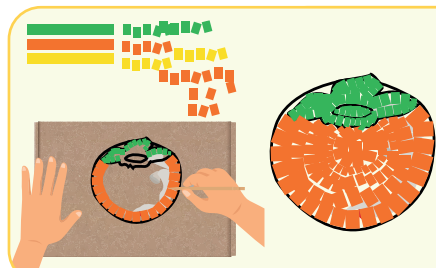
Kontur chizig'idan chiqmasdan PVA yelimini yupqa qilib surtamiz.



Maydalangan qog'oz parchalarini tishkavlagich bilan kontur bo'ylab yopishtirib chiqamiz. Yelimning ortiqchasini qog'oz sochiq bilan olib tashlaymiz.



Barglarini ham shu tartibda yopishtiramiz. So'ng xurmo o'rtasini o'z xohishimizga ko'ra to'ldiramiz.



Tayyor bo'lgan applikatsiyani quritamiz.



Anor va xurmo shakllarini yasashni yakunlang.

20–21-  
darslar

## “SAVATDA MEVALAR” MAVZUSIDA KOMPOZITSIYA YASASH

### Savatdagi mevalar shaklini yasash texnologiyasi



Kartoning markaziga shablon yordamida savatdagi mevalar shaklini chizamiz.



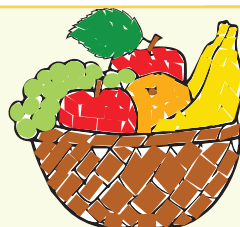
Olovrang va yashil rangli qog'ozlarni olib, ularni chetidan boshlab bir xil o'lchamda maydalab chiqamiz.



Kontur chizig'idan chiqmasdan PVA yelimini yupqa qilib surtamiz.



Rangli qog'oz parchalarini kontur bo'ylab yopishtirib chiqamiz.



Tayyor bo'lgan applikatsiyani quritamiz.

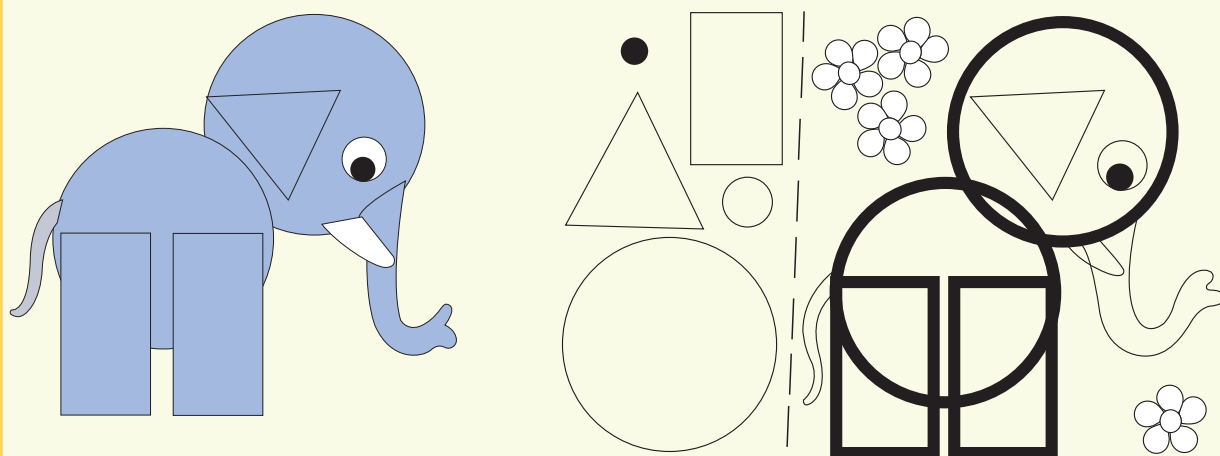


Savatdagi mevalar shaklini yasashni yakunlang.

## FIL VA JIRAFa SHAKLLARINI YASASH

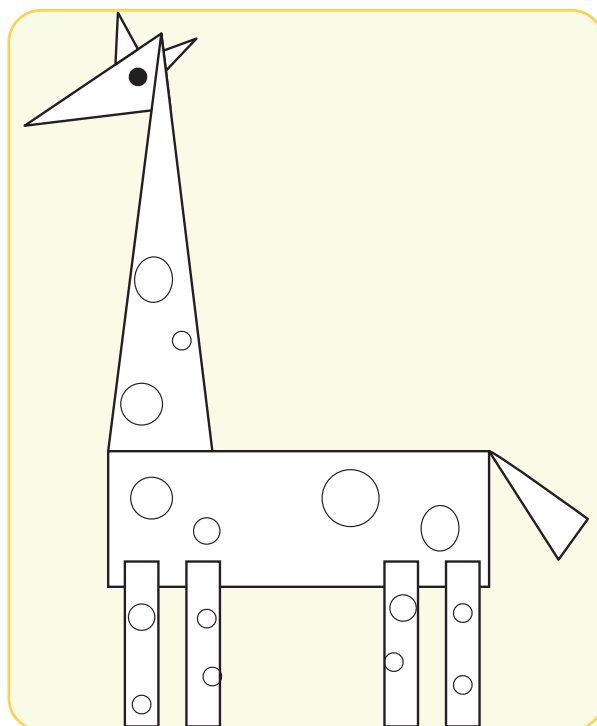
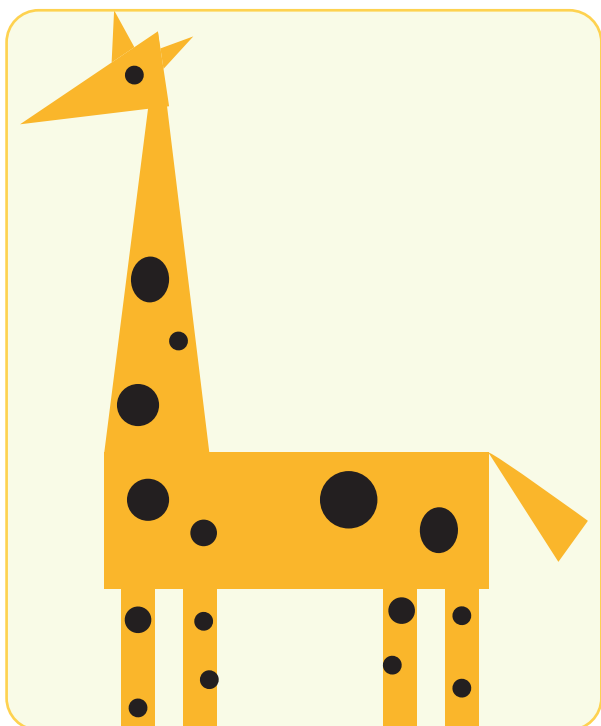
### Fil shaklini yasash:

1. Filning tana va bosh qismlari uchun qog'ozdan ikkita doira shaklini qirqib olamiz.
2. Qulog'i uchburchak shaklida, oyoqlari to'g'ri to'rtburchak shaklida bo'ladi.
3. Egri va bezakdor shakllar yordamida dumi, bir juft yirik tishi va xartumini, katta va ichi bo'yalgan kichik doiracha yordamida ko'zini yasaymiz.
4. Doiracha shakllardan foydalanib gullarni o'zimiz ixtiro qilamiz.



**Jirafa shaklini yasash:**

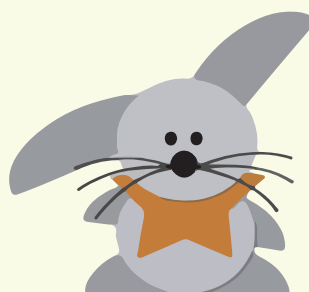
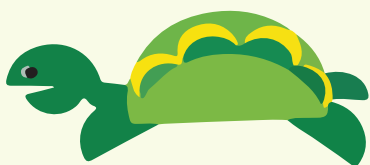
1. Jirafaning bo'yni, boshi, dumi, quloqlari uchburchak shaklida, tanasi va oyoqlari esa to'g'ri to'rtburchak shaklida bo'ladi.
2. Tanasini doirachalar bilan bezatamiz.



Fil va jirafa shakllarini yasashni yakunlang.



## “HAYVONOT BOG‘I” MAVZUSIDA KOMPOZITSIYA YASASH



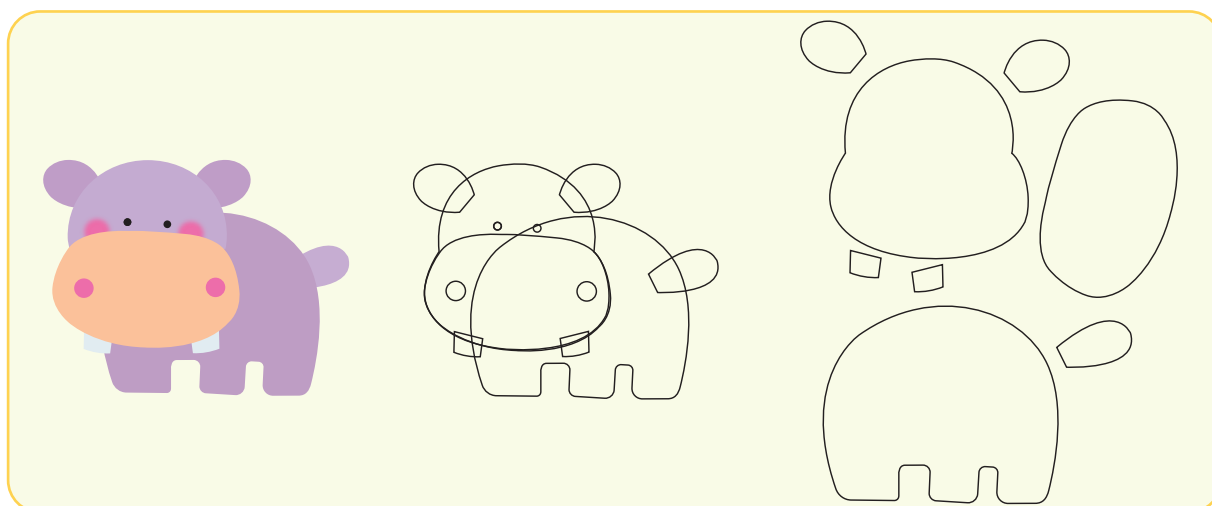
Olmaxon shaklini yasash



### Sherxon shaklini yasash



### Begemot shaklini yasash



“Hayvonot bog‘i” mavzusida  
kompozitsiyani yakunlang.

## QOG'UZLI TASMADAN HAJMDOR GUL SHAKLINI YASASH

### 1-usul. Rangli qog'ozlardan hajmdor gul yasash

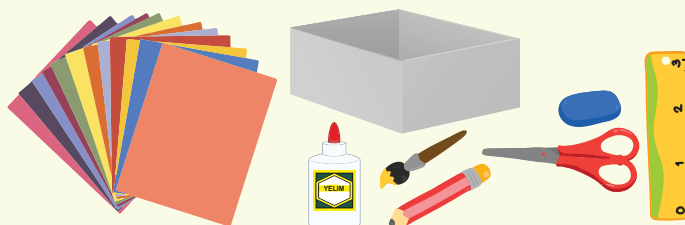


### 2-usul. Gazeta va jurnallar yordamida hajmdor gul yasash



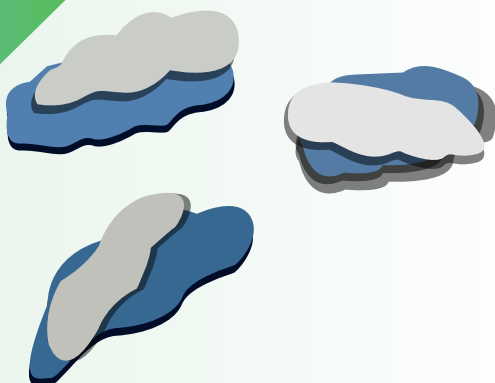


Hajmdor gul shaklini yasashni yakunlang.

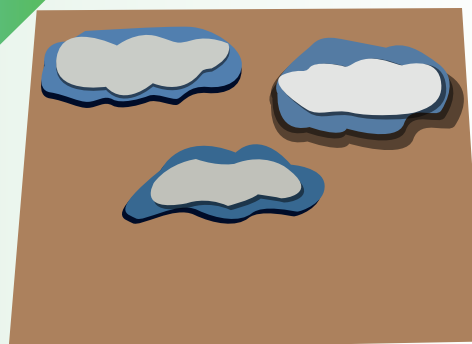


Qog'ozni buklash usuli yordamida soyabon yasash

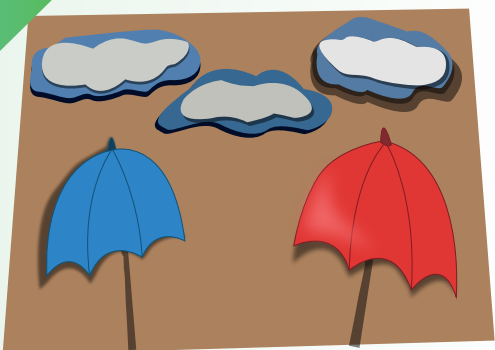
1



2



3



4





1. Rangli qog'ozni olamiz va qalam bilan bir xil shaklda 15 dona doirachani chizamiz.
2. Doirachalarni qaychi yordamida qirqib olamiz.
3. Ularni teng ikkiga, so'ng yana bir marta teng ikkiga buklaymiz. Natijada to'rtta buklam hosil bo'ladi.



4. Buklangan barcha shakllarni yelim yoki skotch yordamida bir-biriga yopishtirib chiqamiz.
5. Ular o'rtasidan kokteyl naychasini o'tkazsak, mitti soyabon hosil bo'ladi.

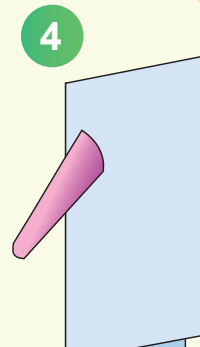
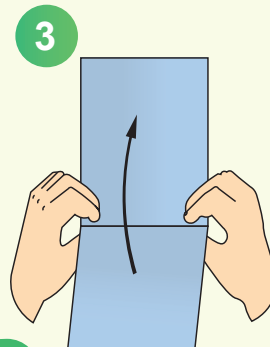
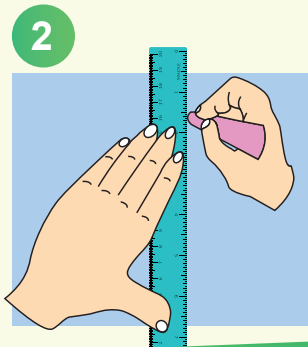
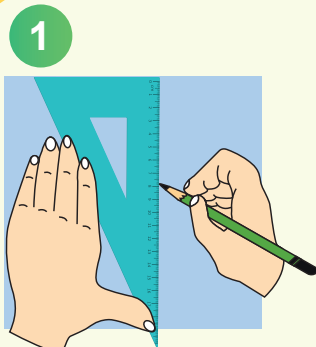
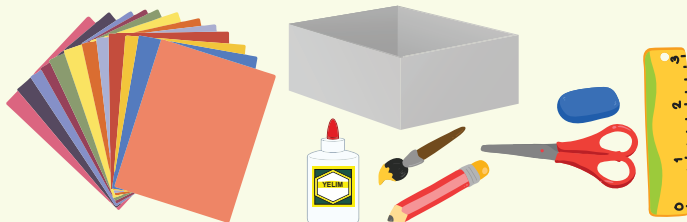


Tayyor qismlarni applikatsiya usulida rangli kartonga yopishtiring.

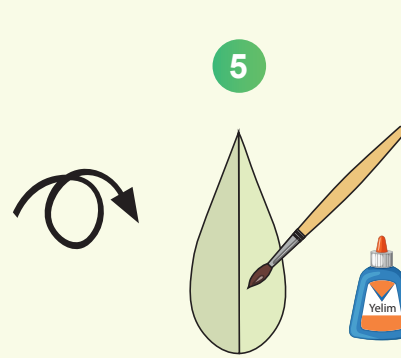
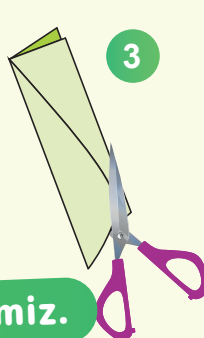
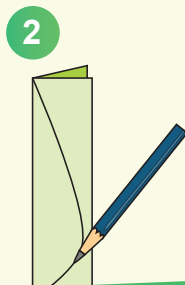
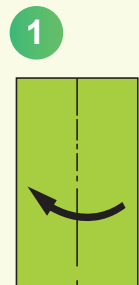


# NAZORAT ISHI. TABRIKNOMA YASASH

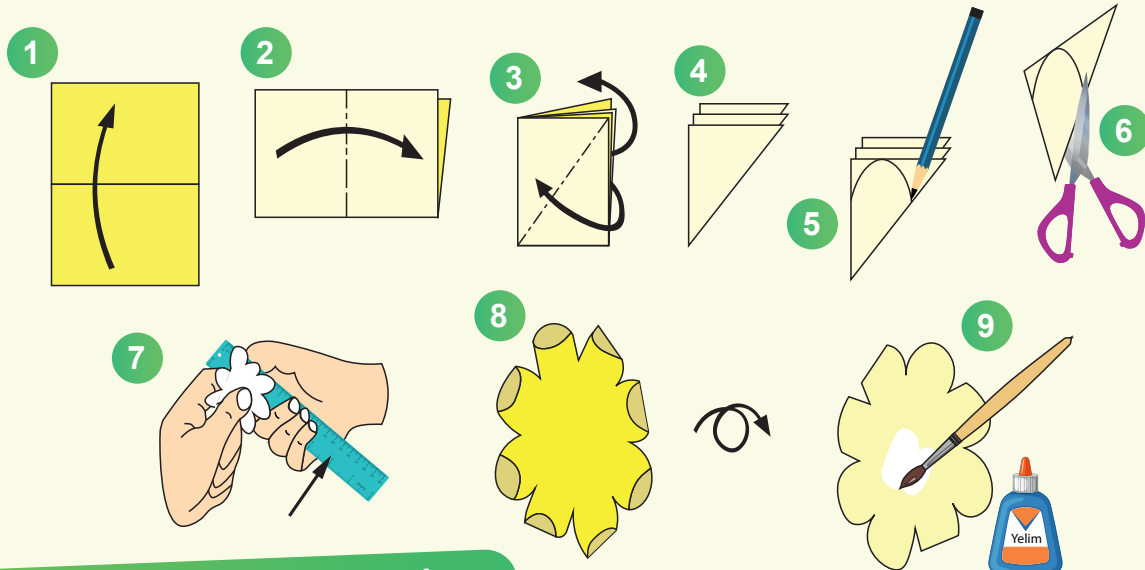
## Bayramga tabriknoma tayyorlash



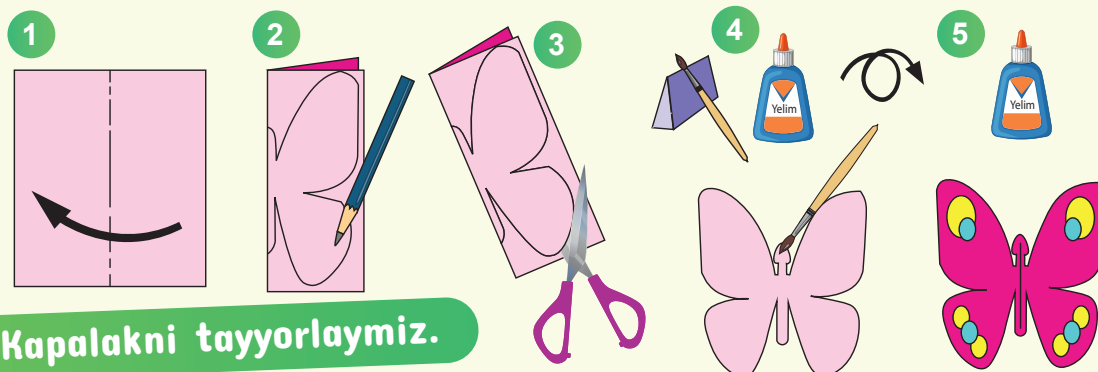
1. Tabriknoma uchun asos tayyorlaymiz.



2. Barglarni tayyorlaymiz.

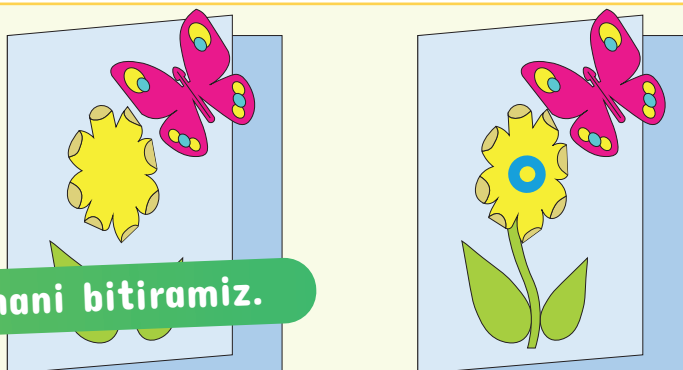


3. Gullarni tayyorlaymiz.



4. Kapalakni tayyorlaymiz.

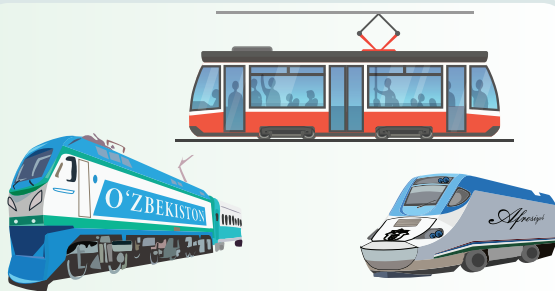
5. Tabriknomani bitiramiz.



Tabriknoma yasashni yakunlang.

# TRANSPORT TURLARI VA UNING INSON HAYOTIDAGI O'RNINI

## Transport turlari



Temiryo'l transporti



Suv transporti



Avtotransportlar



Havo transporti



Siz qaysi transport turidan ko'proq  
foydalanasiz?

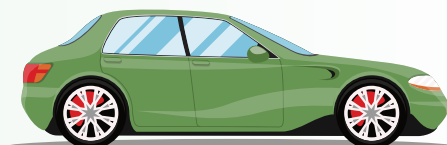
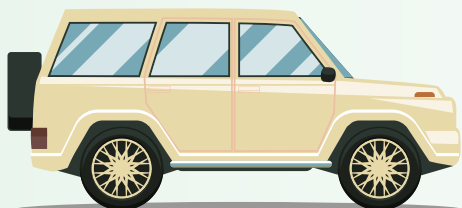
28-dars

# QOQ'OZNI BUKLASH USULI YORDAMIDA AVTOMOBIL SHAKLINI YASASH

## Avtotransport turlari

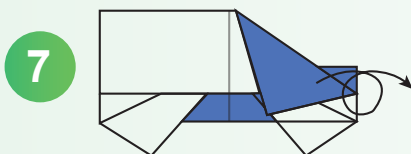
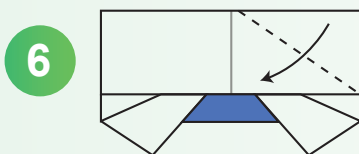
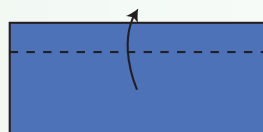
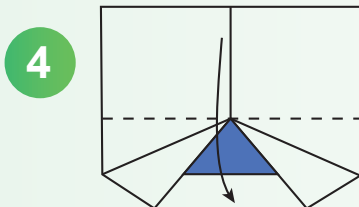
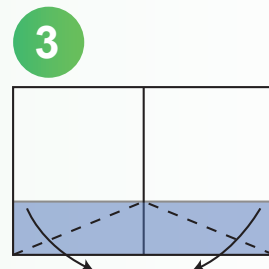
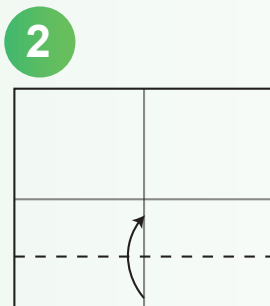
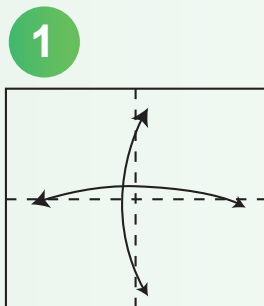
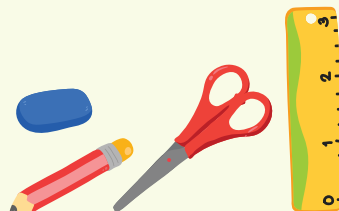


## Yuk tashuvchi mashinalar



## Yengil mashinalar

## Origami usulida avtomobil yasash

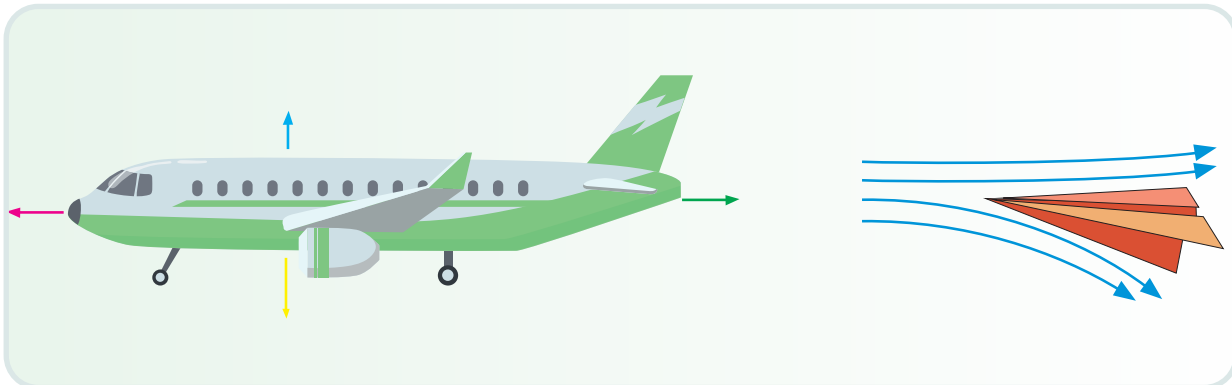
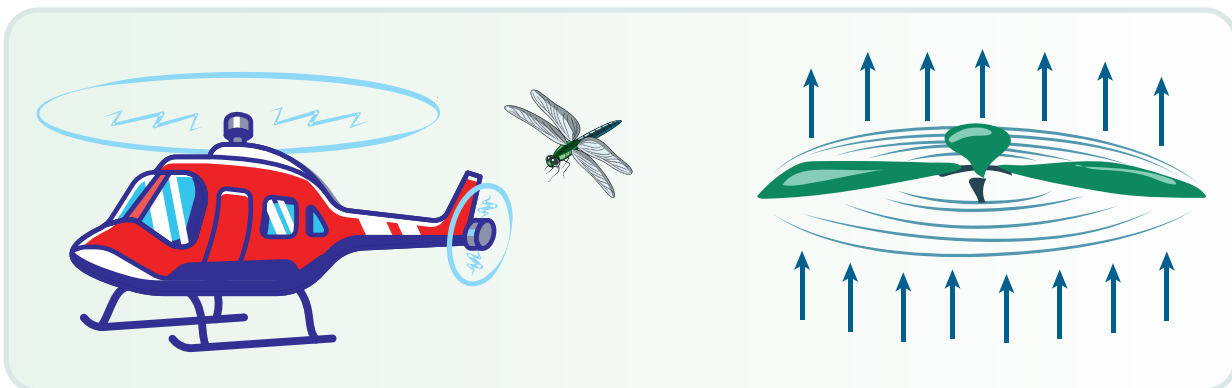


Qog'ozni buklash orqali yana qanday avtomobil modelini yaratish mumkin?

## 29-dars

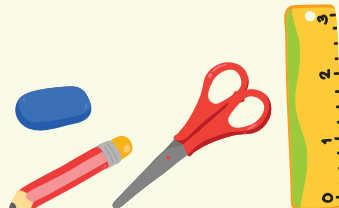
QOG'OZNI BUKLASH USULI  
YORDAMIDA SAMOLYOT  
SHAKLINI YASASH

Uchuvchi apparatlar qanday uchadi?

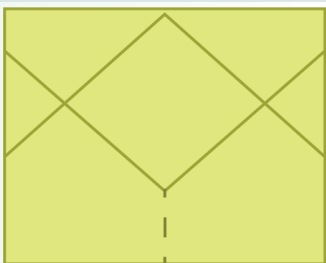




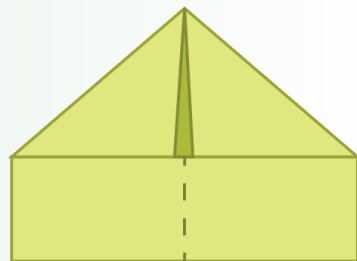
## Origami usulida samolyot yasash



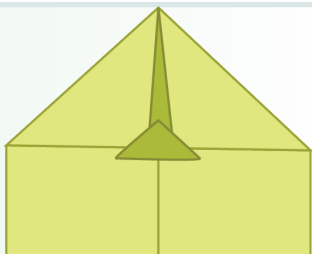
1



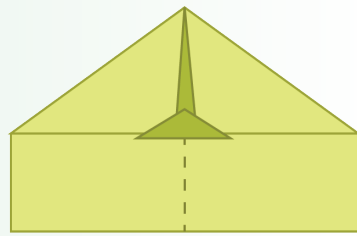
2



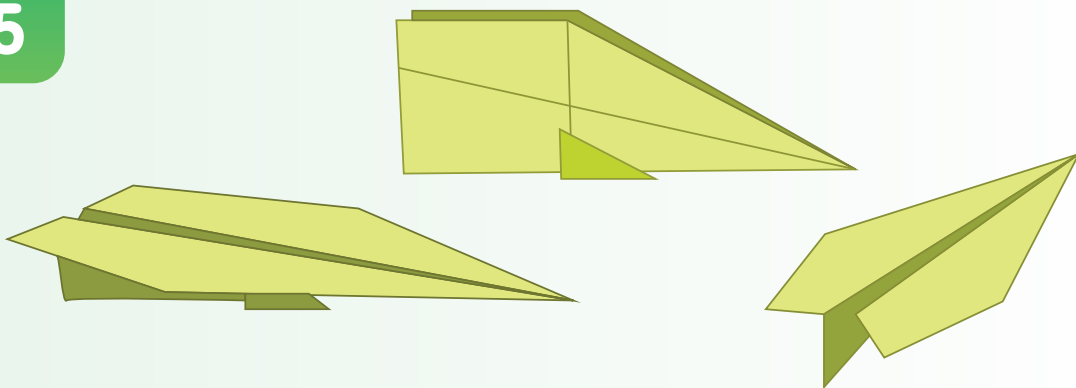
3



4



5

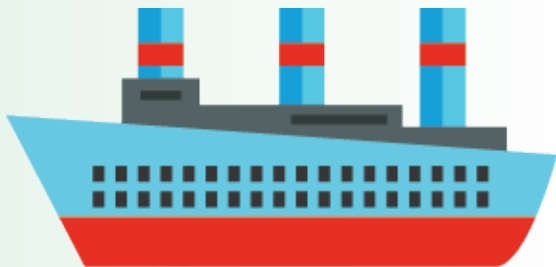


Samolyot shaklini tayyorlang.

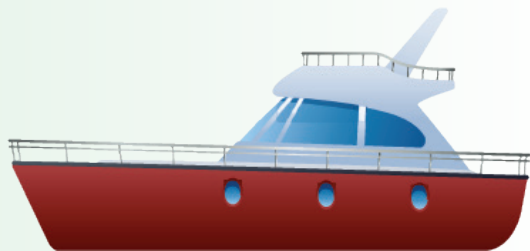
30-dars

# QOG'OZNI BUKLASH USULI YORDAMIDA KEMA SHAKLINI YASASH

## Suv transporti turlari



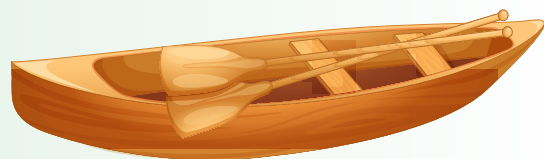
Teploxod



Kater



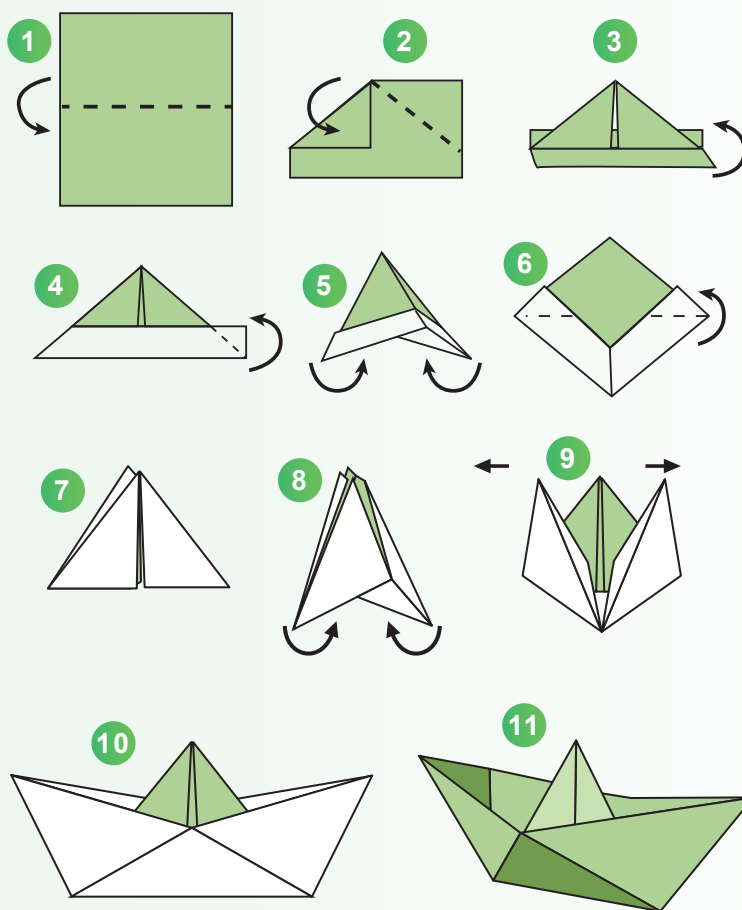
Layner



Qayiq



## Origami usulida kema yasash



Kemani applikatsiya usulida yasashga harakat qiling.

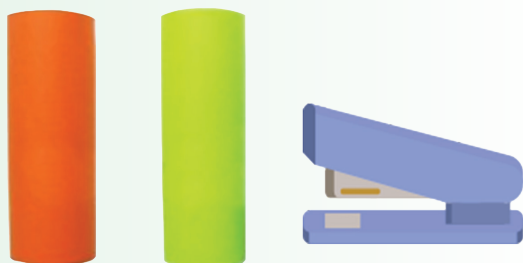
31-dars

NAZORAT ISHI

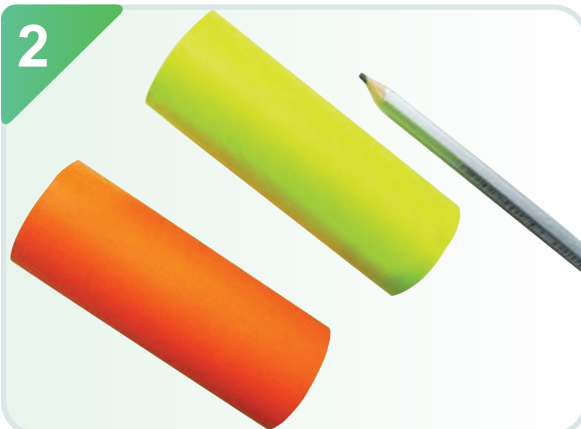
Poyga avtomobilini yasash



1



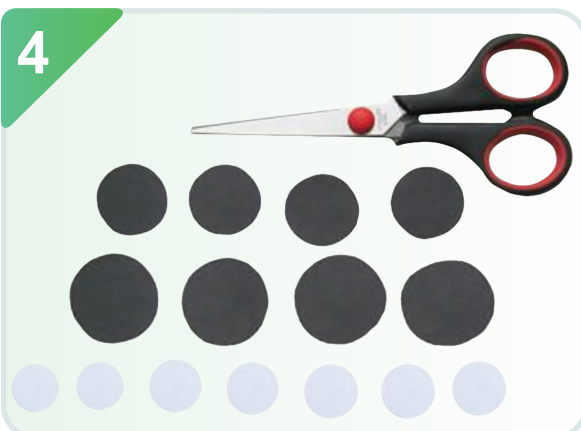
2

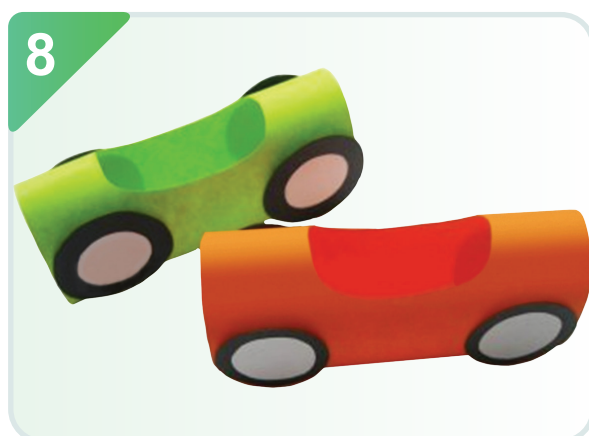
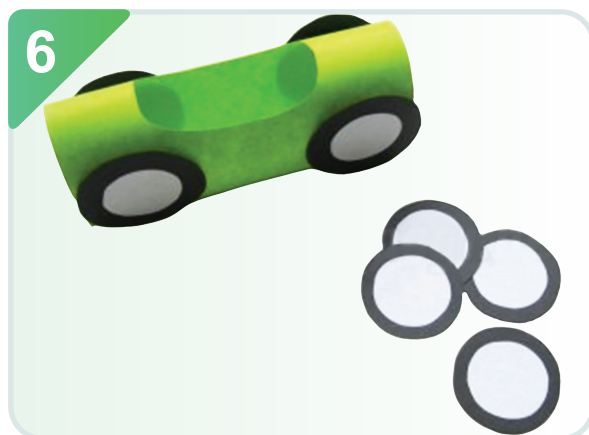


3



4





Origami usulida o'zingiz xohlagan transport turini yasang.

32—33-  
darslar

## “SEHRLI TUGMALAR” MAVZUSIDA KOMPOZITSIYA YASASH

Tugma kichik o'lchamdagi buyum bo'lib, qattiq materiallardan tayyorlanadi. Tugmalardan barcha kiyim turlari, oyoq kiyimlar hamda boshqa buyum qismlarini o'zaro biriktirishda foydalaniladi.

### Tugmaning turlari



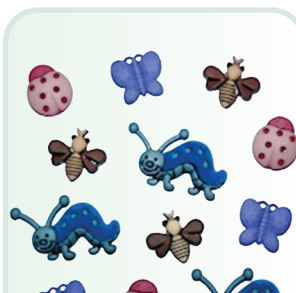
Rangiga ko'ra



Shakliga ko'ra

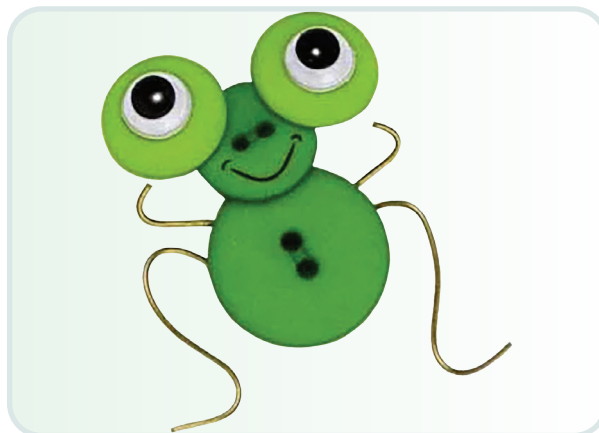
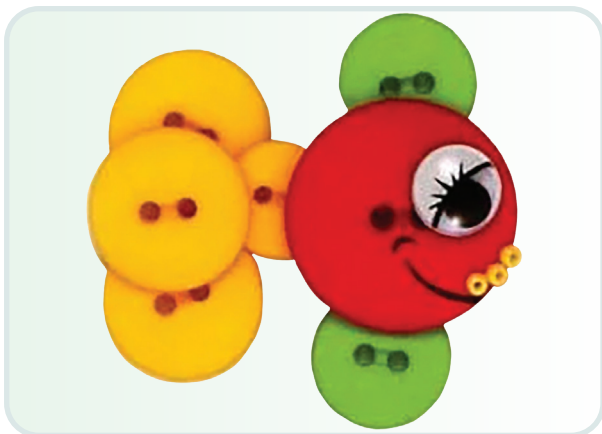


O'lchamiga ko'ra

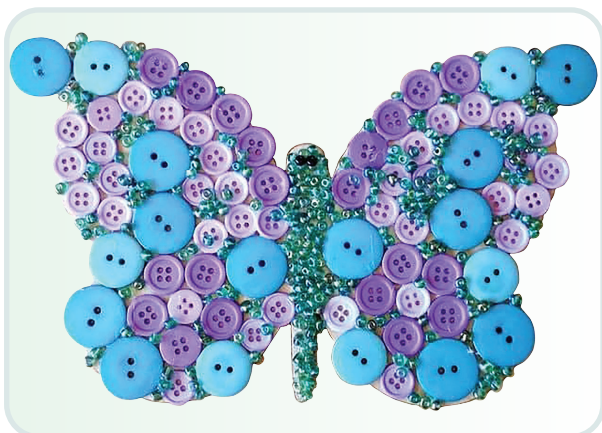


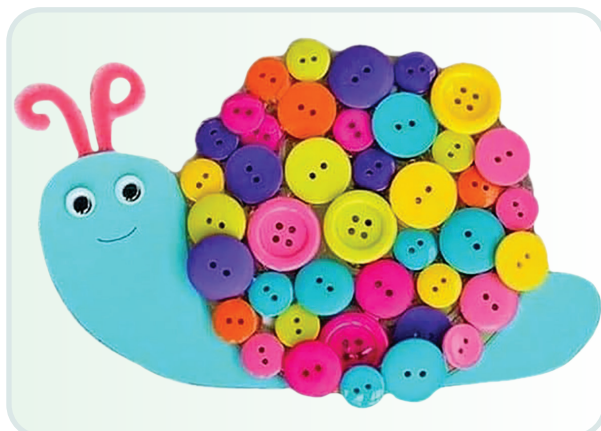
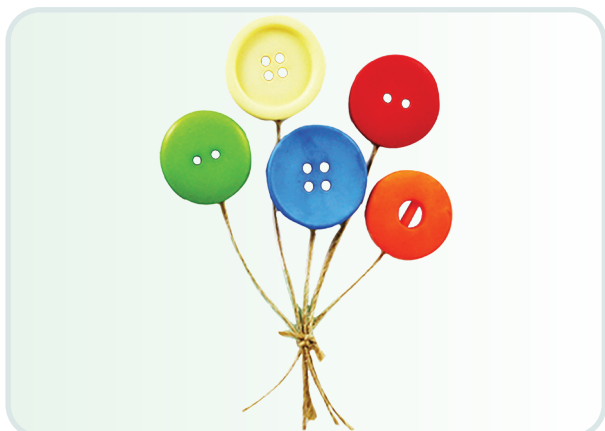
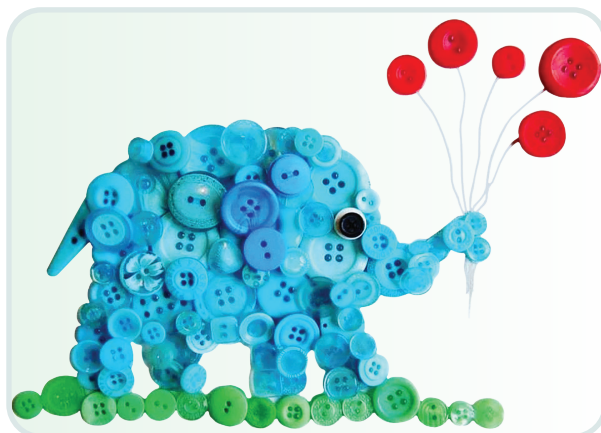


Tugmalardan turli shakllarni hosil qilish



Tugmalardan kompozitsiya yasash





Tugmalardan o'zingiz xohlagan shakllarni yasang.

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*O’quv nashri*

Dilbar Miraxmedova, Zulfizarxon Shamsiyeva

## TEXNOLOGIYA

*Umumiy o’rta ta’lim maktablarining  
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**Dizayner** Oloviddin Sobir o’g’li

**Rassomlar** Kamoliddin Nurmanov, Gulmira Utekulova

**Texnik muharrir** Shoxrux Turaxanov

**Sahifalovchi** Qobil Raufov

**Musahhih** Nilufar Oymatova

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Ofset bosma. Shartli bosma tabog’i 8,37. Nashriyot-hisob tabog’i 10.8.  
Adadi 608 220 nusxa. Buyurtma № \_\_\_\_\_.

“Kolorpak” MChJ bosmaxonasida chop etildi.  
Toshkent shahar, Yunusobod tumani, Yangishahar ko’chasi, 1-A uy.



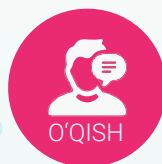
COLORPACK



Sotuvga chiqarish taqiqlanadi

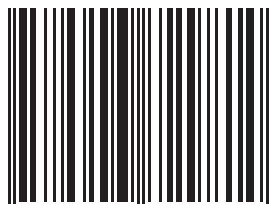
RMKJ

SMART DARSLIK



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