

I. Mannopova, R. Mavlonova,
N. Ibragimova

TEXNOLOGIYA

Umumiy o'rta ta'lif muktabalarining
1-sinfi uchun darslik

Qayta ishlangan va to'ldirilgan
uchinchchi nashri

O'zbekiston Respublikasi
Xalq ta'lifi vazirligi tomonidan
tasdiqlangan

«O'zbekiston milliy ensiklopediyasi»
Davlat ilmiy nashriyoti
Toshkent – 2017

UO'T: 37.035.3:371.381=512.133(075.2)

KBT 74.263

M 24

Taqrizchilar:

- Z. Shamsiyeva** – Respublika ta'lif markazi bo'lim boshlig'i;
M. Po'latova – Toshkent shahridagi 144-umumiy o'rta ta'lif maktabining mehnat ta'limi o'qituvchisi;
D. Karimova – Buxoro shahridagi 18-umumiy o'rta ta'lif maktabining mehnat ta'limi o'qituvchisi.

SHARTLI BELGILAR:



– dars;



– ko'ramiz, tanlaymiz;



– ishlashni o'rganamiz;



– o'ylab topamiz.

Mannopova I.

M 24 **Texnologiya:** 1-sinf uchun darslik / I. Mannopova, R. Mavlanova, N. Ibragimova. – Toshkent: «O'zbekiston milliy ensiklopediyasi» Davlat ilmiy nashriyoti, 2017. – 80 bet.

UO'T: 37.035.3:371.381=512.133(075.2)

KBT 74.263

Respublika maqsadli kitob jamg'armasi mablag'lari hisobidan chop etildi.

ISBN 978-9943-07-516-0

© I. Mannopova va b., 2015, 2017.

© «O'zbekiston milliy ensiklopediyasi»
Davlat ilmiy nashriyoti, 2015, 2017.

BUYUMLAR YASASHNI O'RGANAMIZ



Karton va rangli qog'oz bilan ishlash



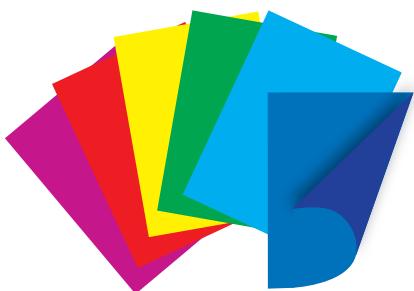
Tabiiy va turli materiallar bilan ishlash



Badiiy qurish-yasash va texnik model-lashtirish

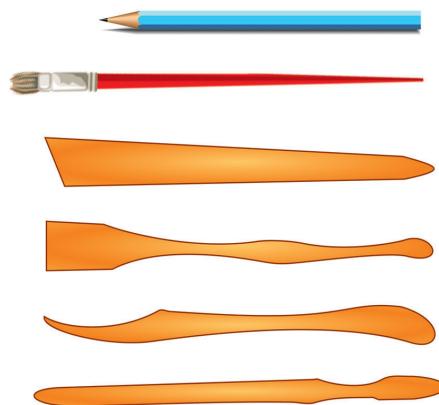
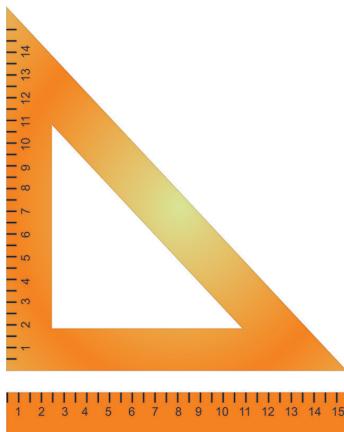


TEXNOLOGIYA DARSIDA ISHLATILADIGAN ASHYOLAR





TEXNOLOGIYA DARSIDA XAVFSIZ MEHNAT USULLARI VA O'QUV QUROLLARI



Ish stoli



QAYCHI BILAN ISHLASHDA XAVFSIZLIK TEXNIKASI

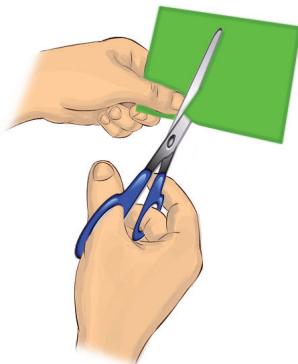
Qaychini ochiq qoldirmang!



Qaychini ushlaydigan tomoni bilan
bering!

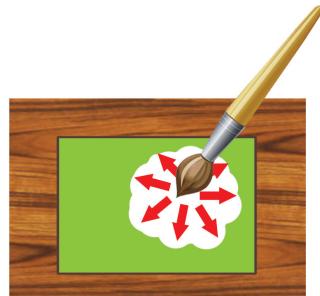


Qaychini emas, qog'ozni aylantirib
qirqing.





YELIM BILAN ISHLASH QOIDASI



Yelimni o'rtadan chetga qarab surting.



Ortiqcha yelimni artib oling. Ustiga narsa qo'yib quriting.



Mo'yqalamni ishlatib bo'lgach, yuvib qo'ying. Yelim idishni yopiq holda saqlang.



QOG'ÖZ VA UNING TURLARI



Yozuv qog'ozi.



Gazeta qog'ozi.



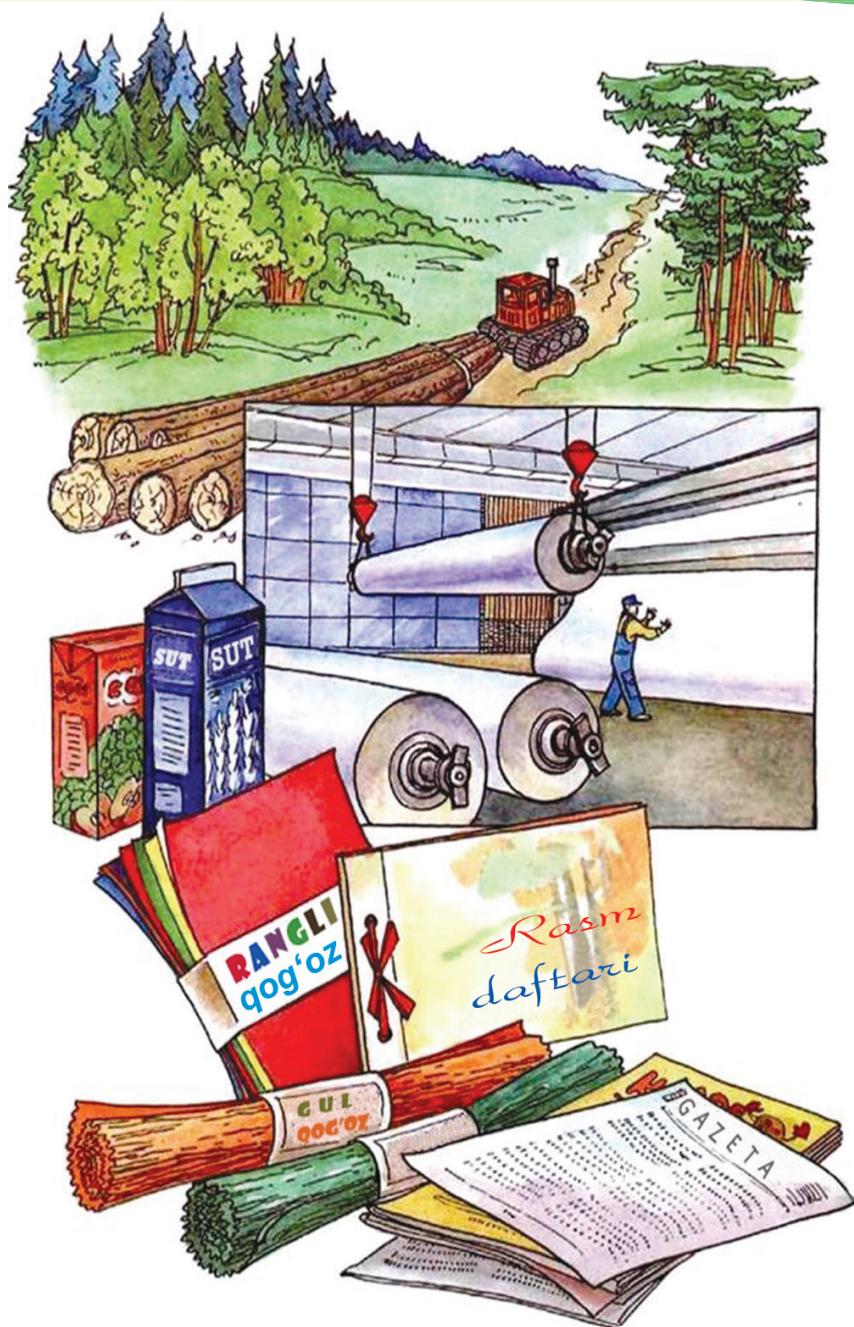
Karton.



Rasm qog'ozi.

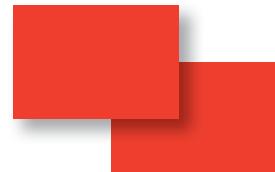


Sovg'ani qadoqlaydigan qog'oz.



QOG'ONI BUKLASH USULLARI

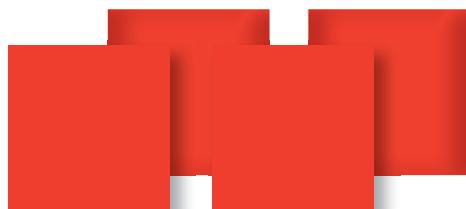
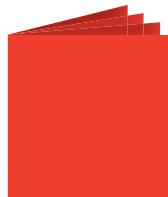
1



Buklang.

Qirqing.

2



Buklang.

Qirqing.

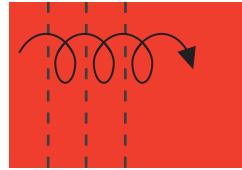
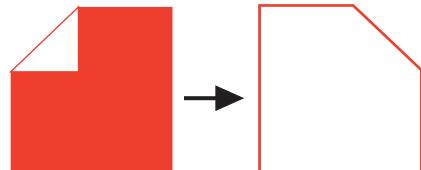
3



Buklang.

Qirqing.

4

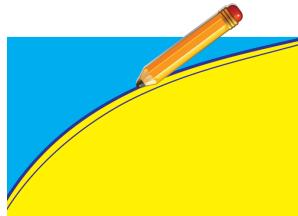


Buklang.

O'rang.



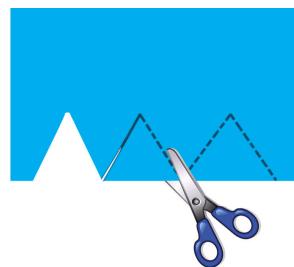
QOG'ÖZ BILAN ISHLASH



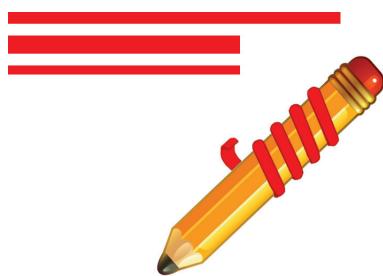
Andaza asosida belgilash.



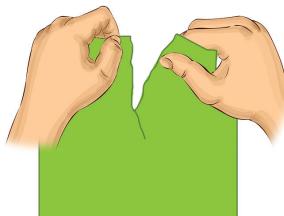
Qirqish.



Qirqib olish.



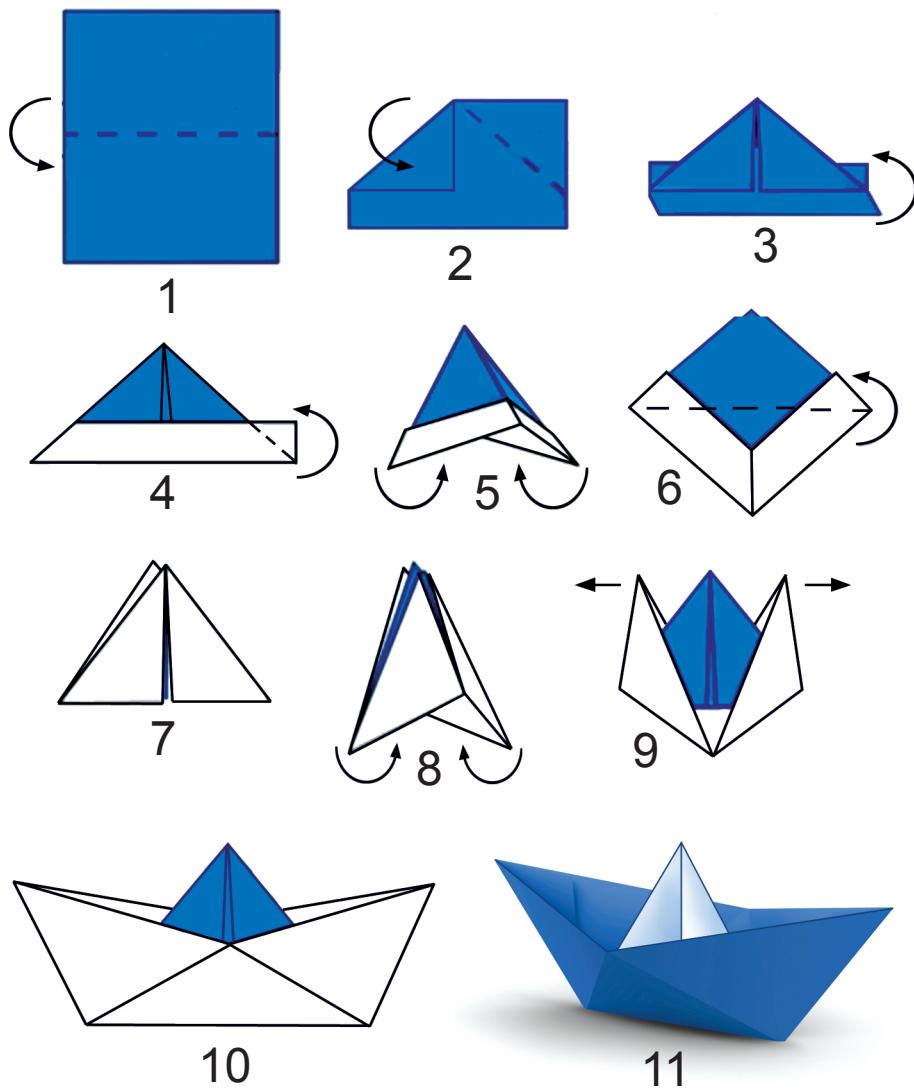
O'rash.



Yirtish.

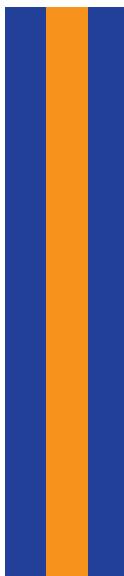
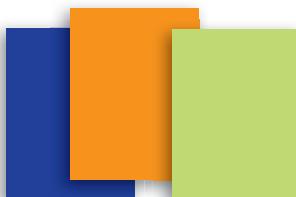


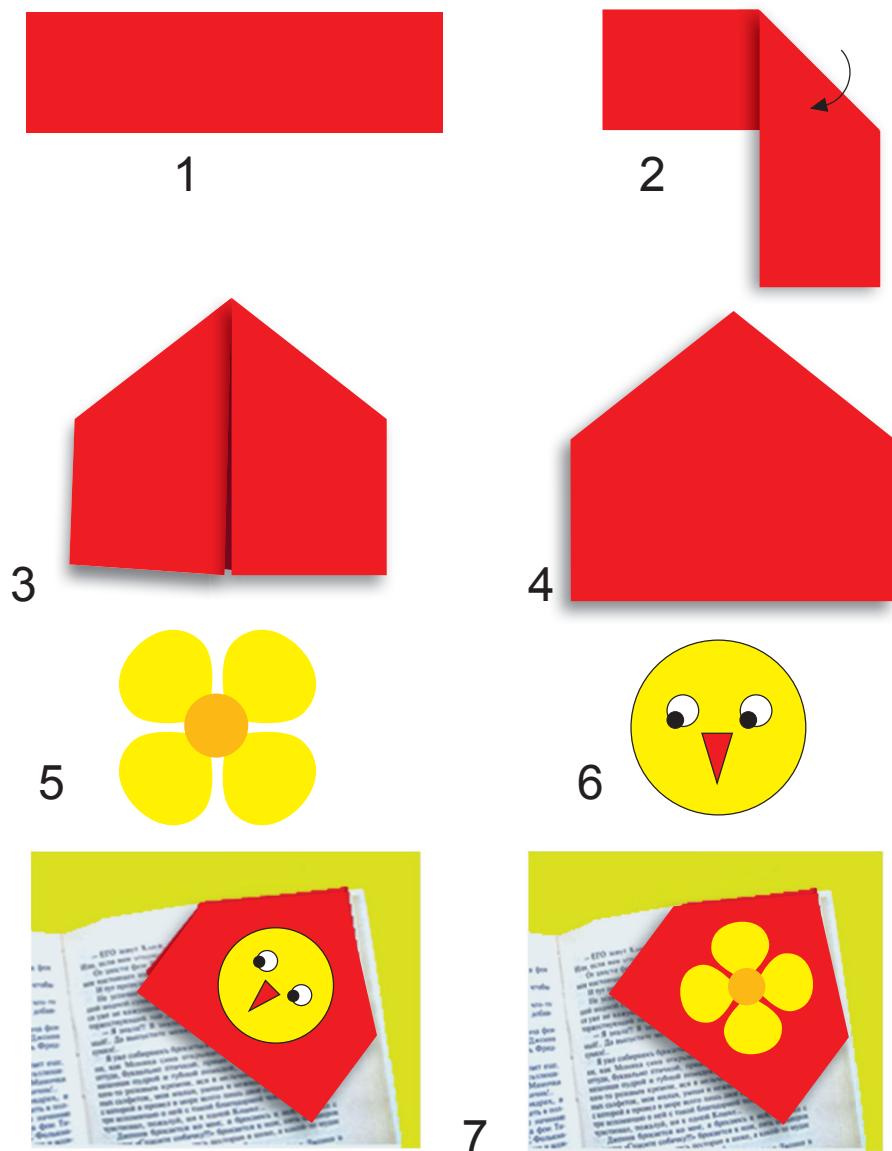
QAYIQCHA YASASH





KITOB UCHUN XATCHO'P YASASH

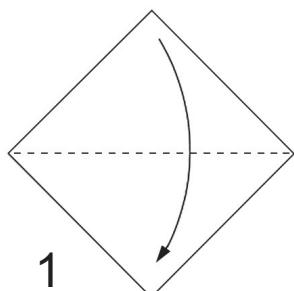




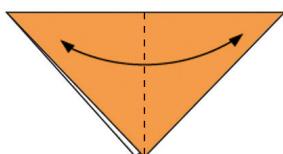
Xatcho'p nima maqsadda yasaladi? U Sizga nima uchun kerak bo'ladi?



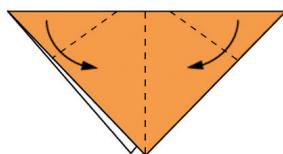
QOG'ONI BUKLASH ORQALI HAYVONLAR SHAKLINI YASASH



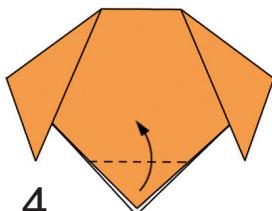
1



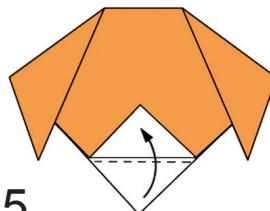
2



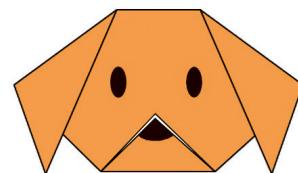
3



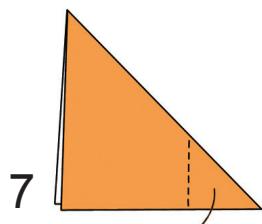
4



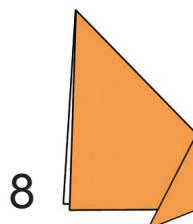
5



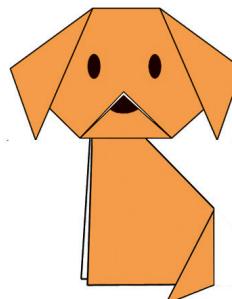
6



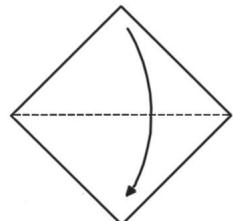
7



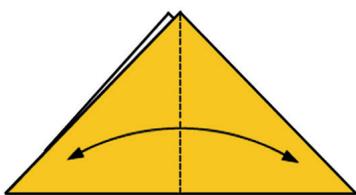
8



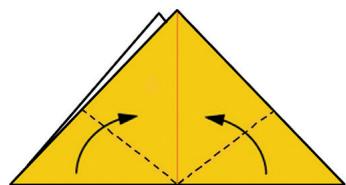
MUSHUKCHA YASASH



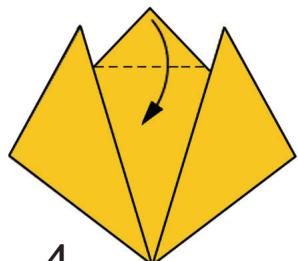
1



2



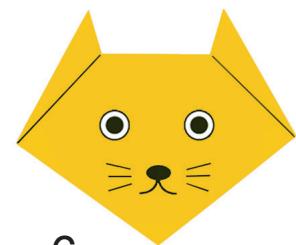
3



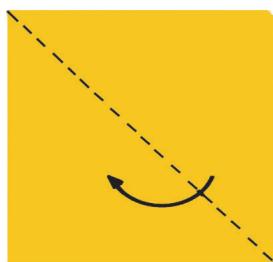
4



5



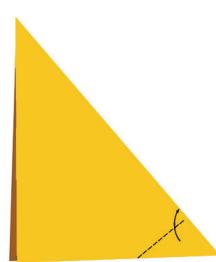
6



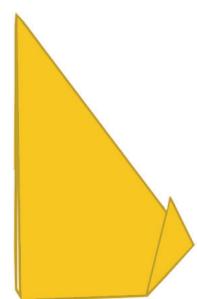
7



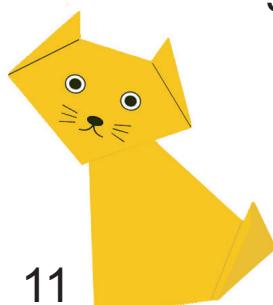
8



9



10



11



TABIY MATERIALLAR HAQIDA TUSHUNCHA

Barg bilan ishlash

To'kilgan barglarni terib oling.



Ustiga narsa qo'yib quriting.



Barg bilan rasmda ko'rsatilgan tartibda ishlang.



1



2



3



4



5



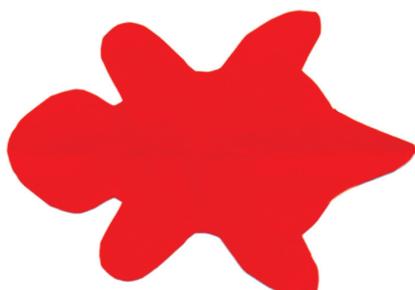


OLTIN KUZ MANZARASINI TASVIRLASH





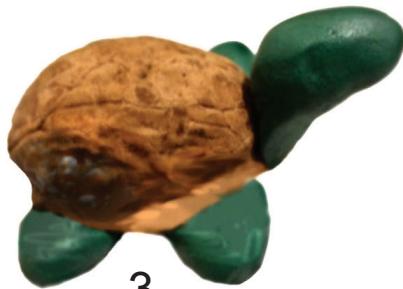
TABIİY VA TURLI MATERIALLARDAN JONIVORLAR SHAKLINI YASASH



1



2

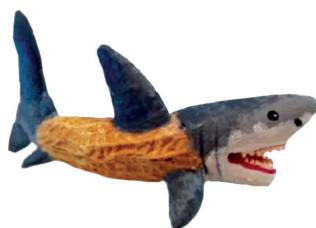


3





O'ZINGIZ YASANG



TABIİY MATERİALLARDAN HAYVONLAR ŞAKLINI YASASH



1



2



3



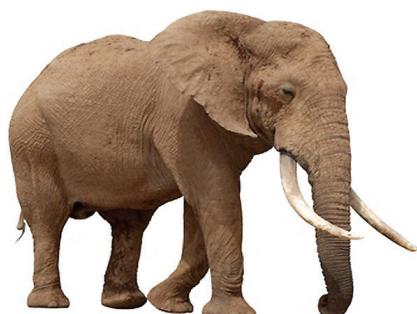
4



5

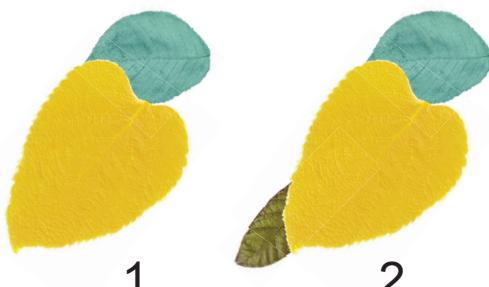


Solishtiring





TABIİY MATERİALLARDAN QUSHCHA SHAKLINI YASASH

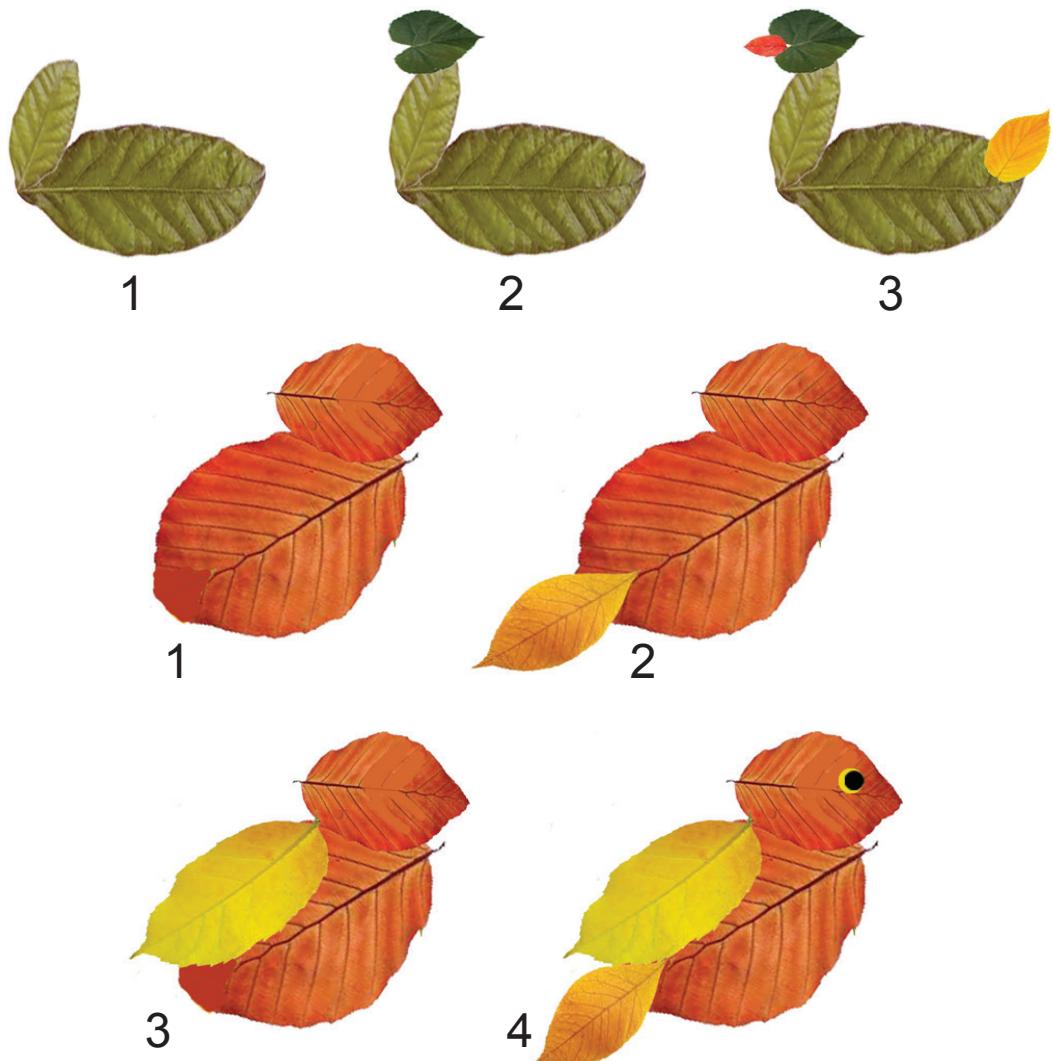


3

4

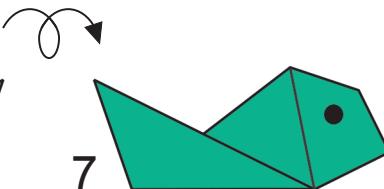
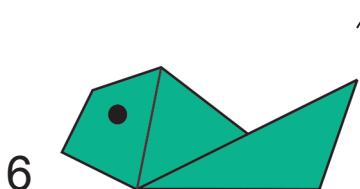
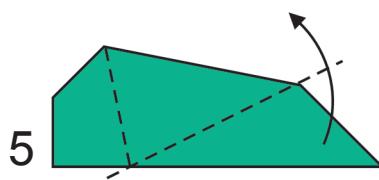
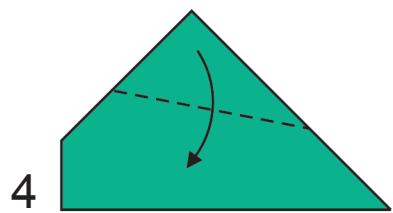
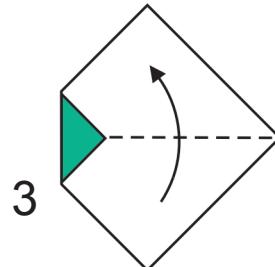
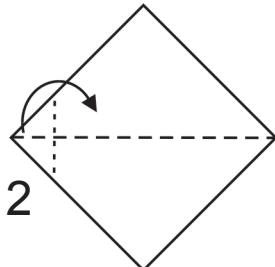
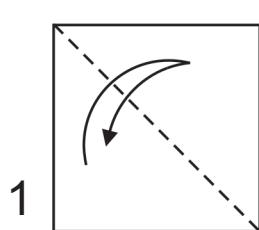
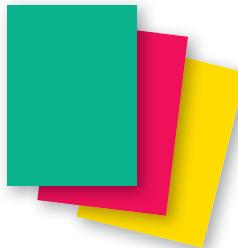
5

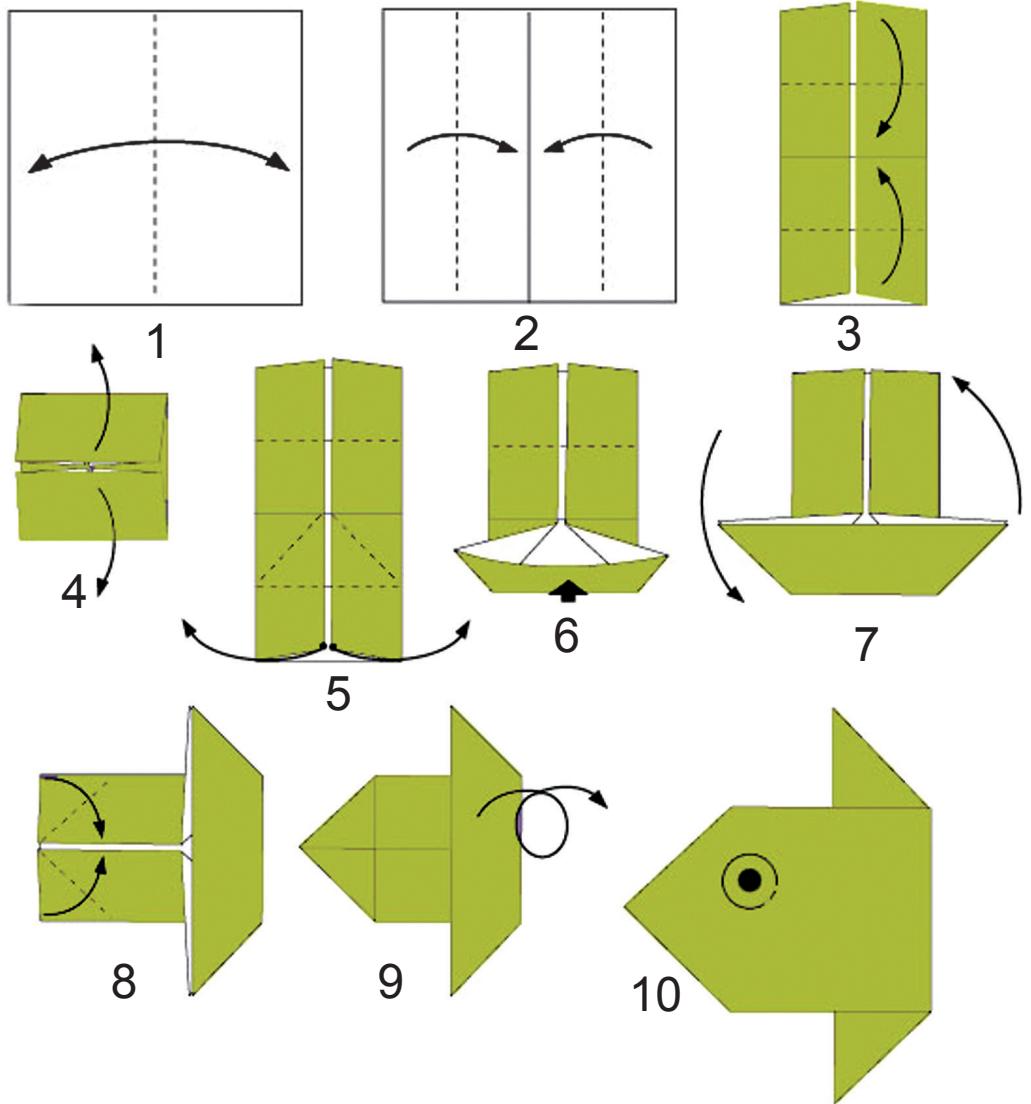
TABIIY MATERIALLARDAN PARRANDALAR SHAKLINI YASASH





BALIQCHA YASASH







TULKI SHAKLINI YASASH

1



2



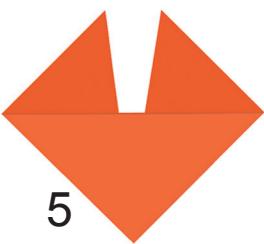
3



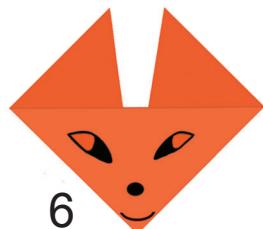
4



5



6



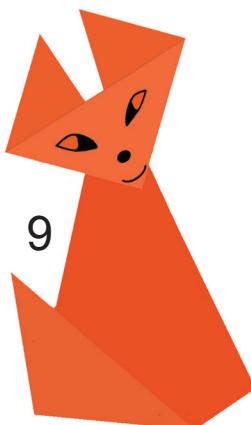
7



8

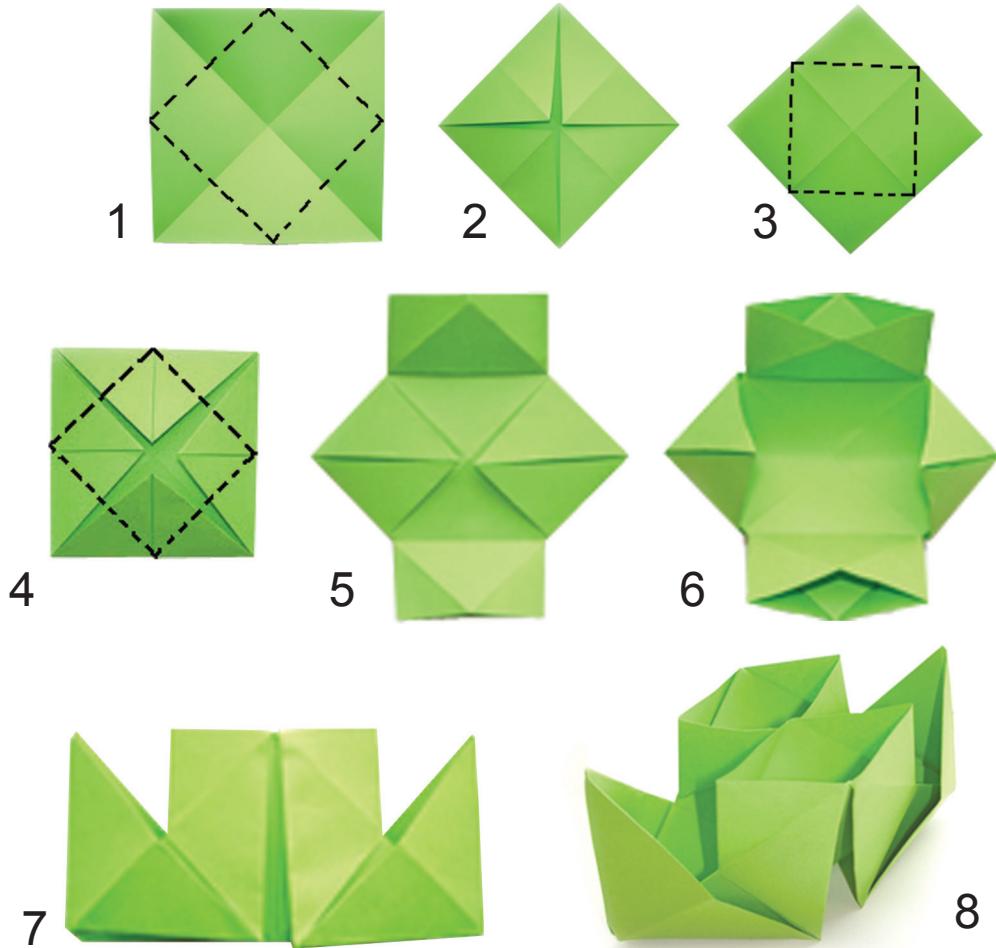


9





KEMACHA YASASH

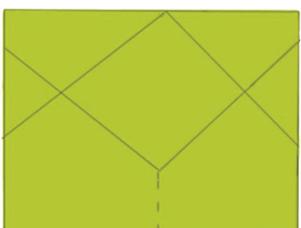


Yasagan kemangizdan Siz qanday foydalamanmoqchisiz? Uni kimga sovg'a qilish mumkin?

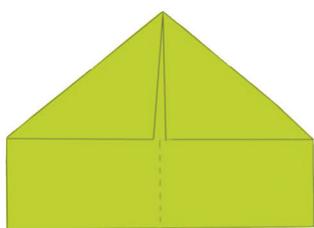


UCHUVCHI PLANER YASASH

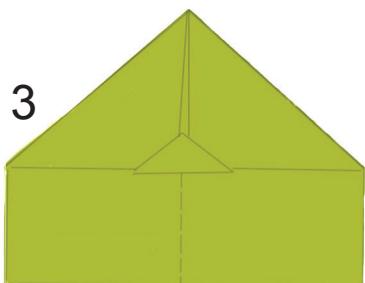
1



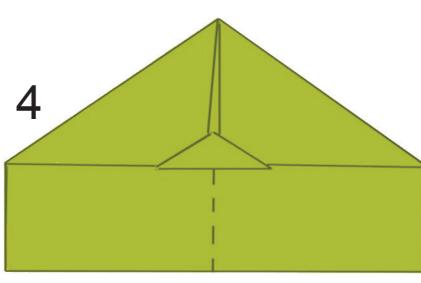
2



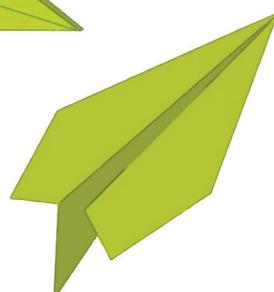
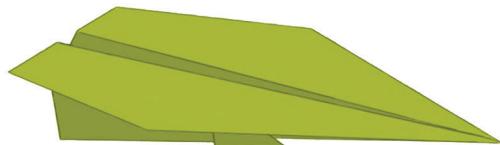
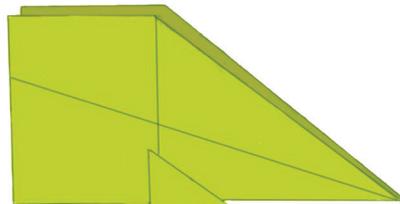
3

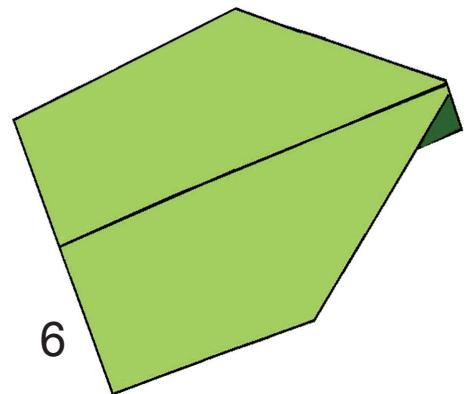
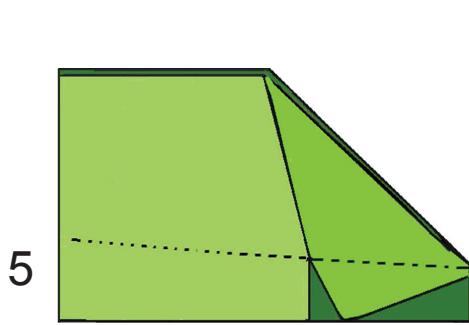
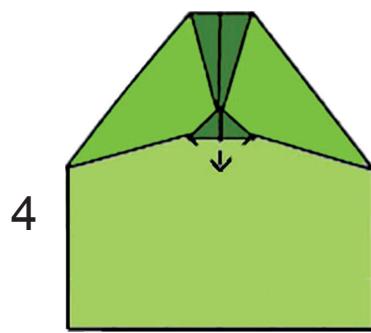
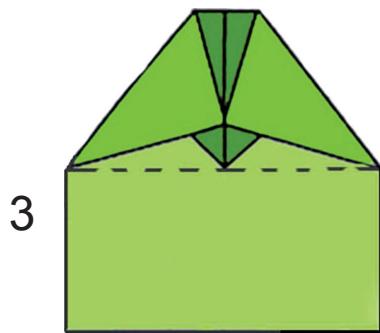
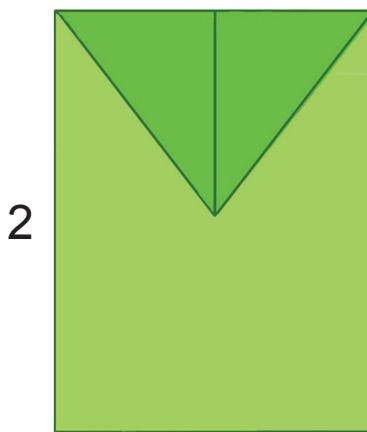
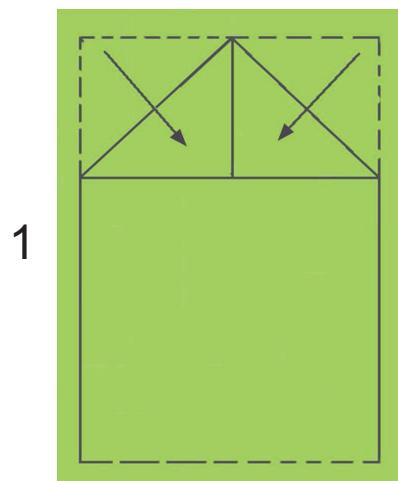


4



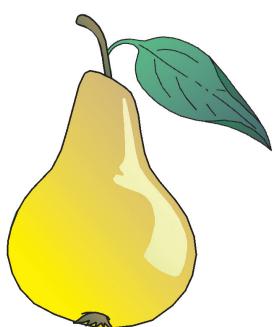
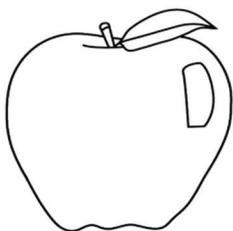
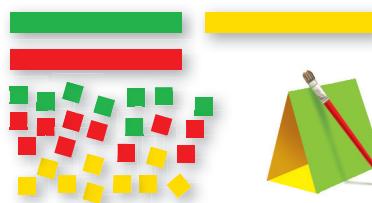
5





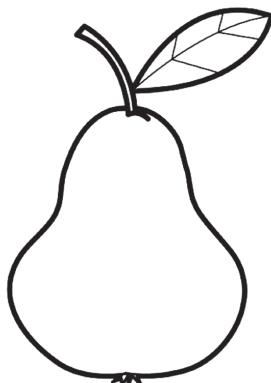
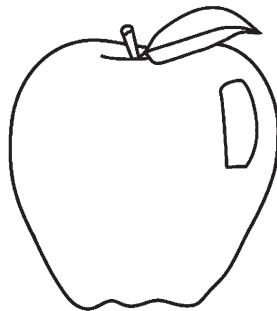


MAYDALANGAN RANGLI QOG'ÖZLARDAN MOZAIKA USULIDA MEVALAR SHAKLINI YASASH



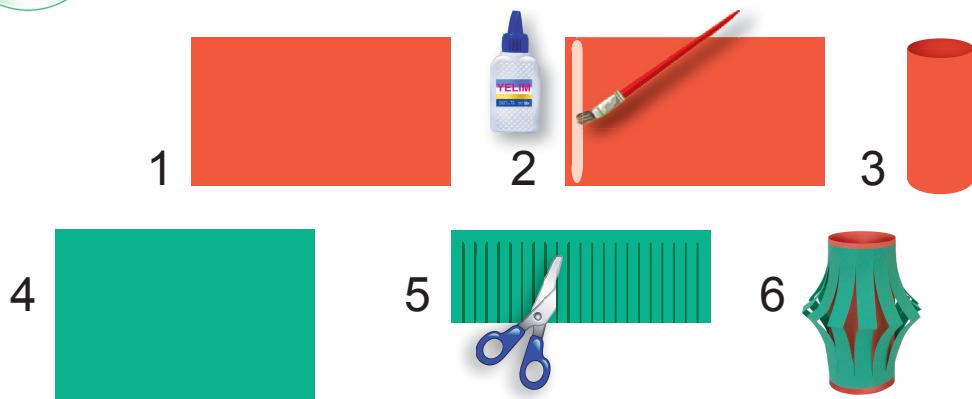


Salfetka qog'ozini mayda qilib qirqib, dumaloq shaklga keltiring va uni chizib olgan andazangiz ustiga bir tekisda yopishtiring.

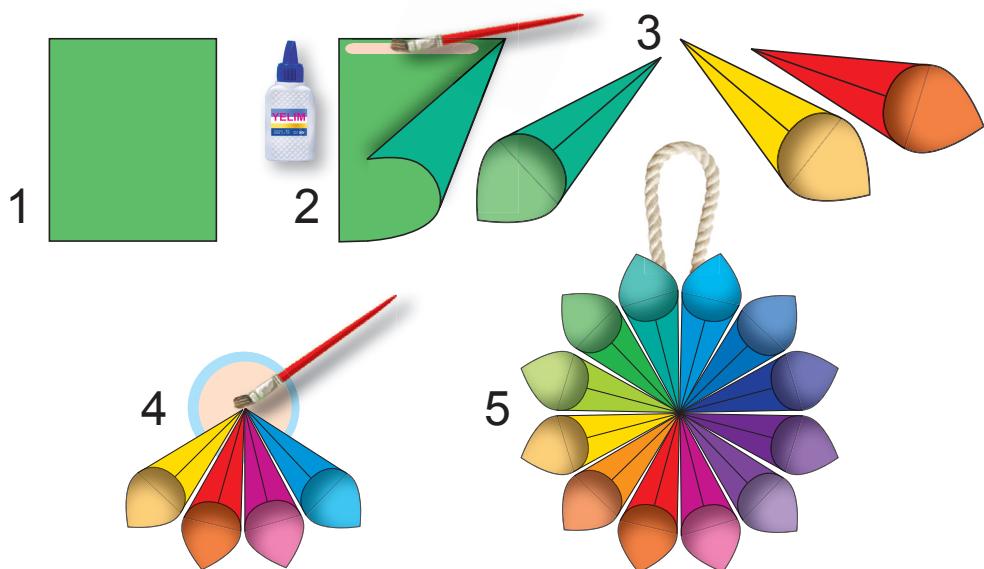




ARCHA O'YINCHOQLARINI YASASH



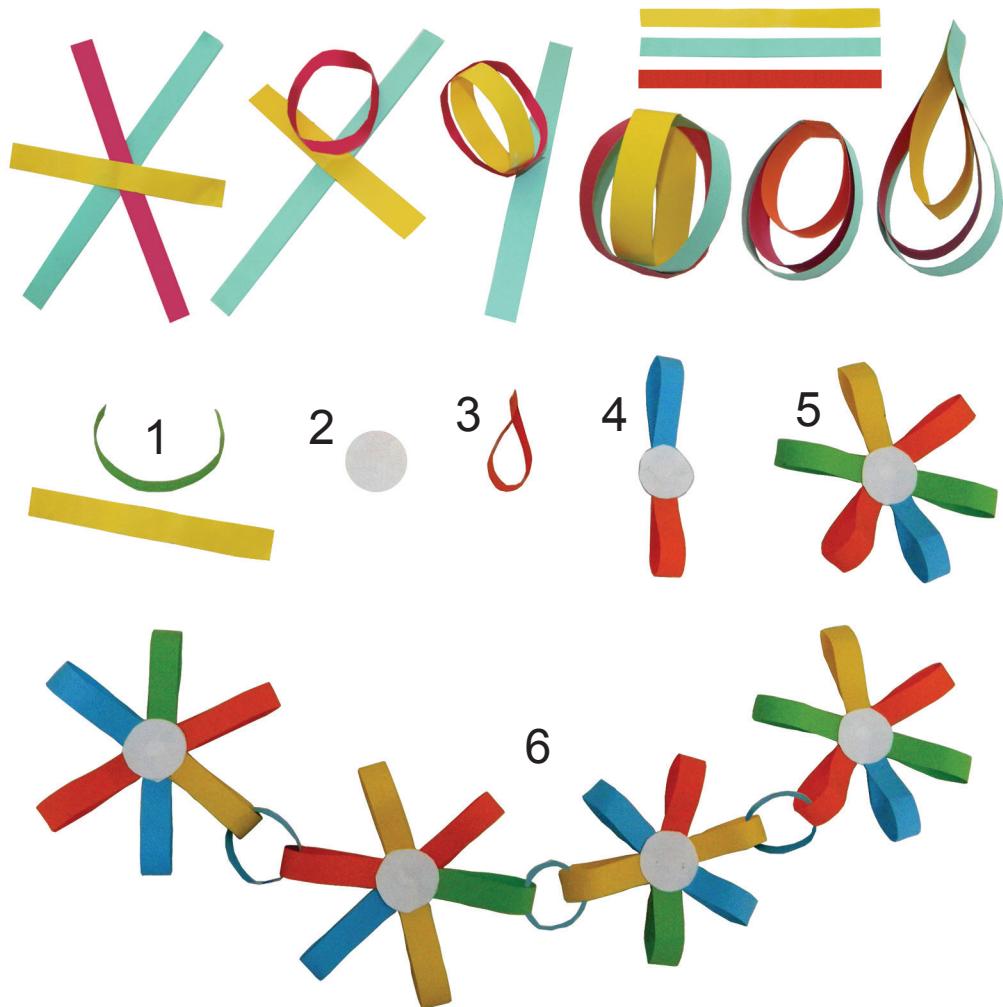
Archani qog'ozdan yasalgan turli o'yinchoqlar bilan bezatish mumkin.





O'ZINGIZ ARCHA UCHUN BEZAKLAR YASANG

Rangli qog'ozlardan tasmalar tayyorlab oling. Rasmga qarab yopishtiring.





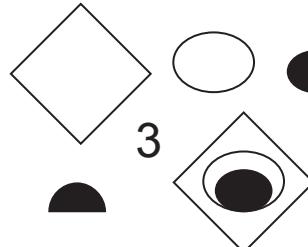
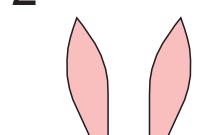
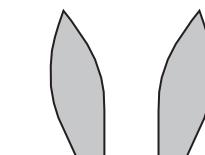
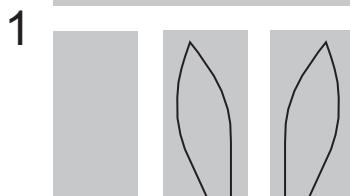
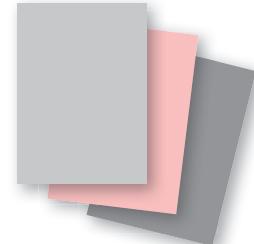
Archa o‘yinchog‘ining yasalish ketma-ketligini ko‘rib chiqing. Qanday qirqilishi va yopishtirilishiga e’tibor bering.



BAYRAM NIQOBLARI



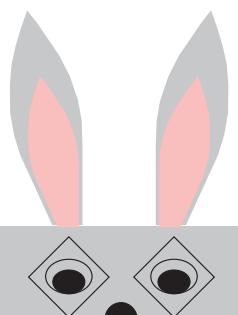
Quyon niqobini yasash



3



4



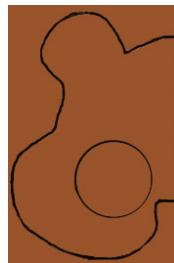
5



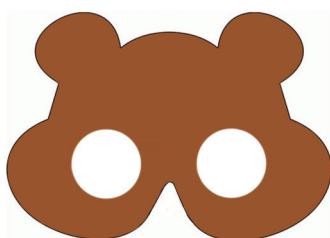
6



Ayiq niqobini yasash



Qog'ozni ikkiga buklab, andaza asosida ayiqning bosh qismini chizib oling.

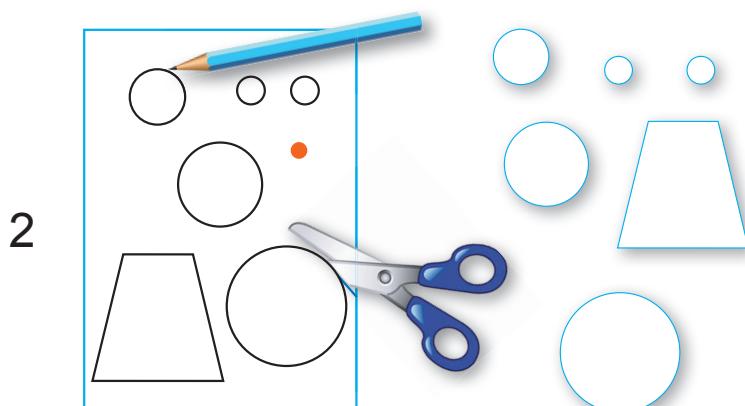
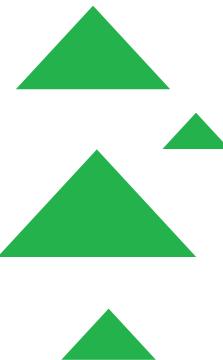
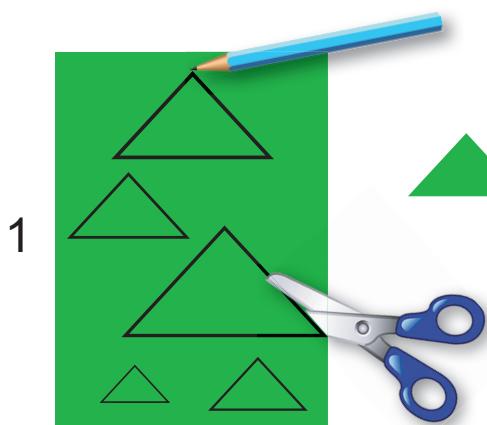
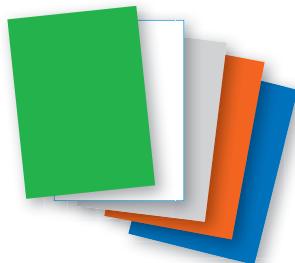


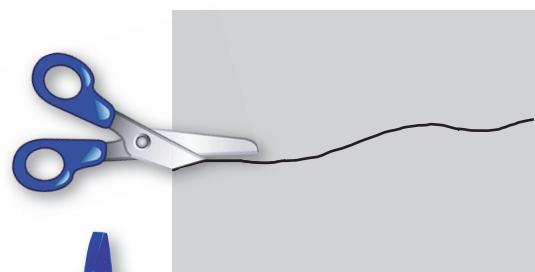
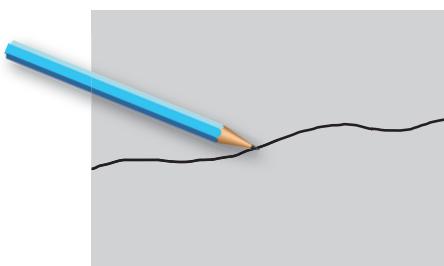
Chiziq bo'ylab qirqing. Orasini oching, qalamda qoshlari va tumshug'ini chizib bo'yang.



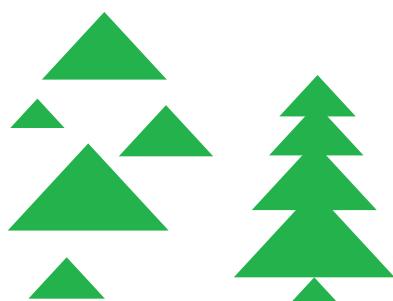


QISH MANZARASINI APPLIKATSIYA USULIDA ISHLASH

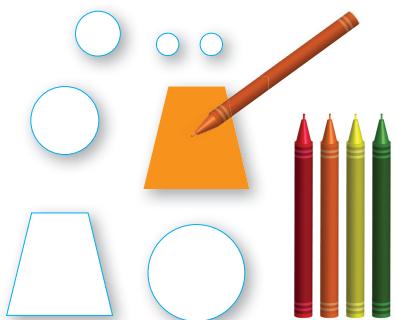




3



4



5



6





PLASTILIN VA LOY BILAN ISHLASH QOIDALARI

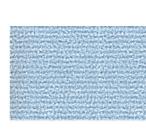
Sizga kerak bo'ladi



plastilin



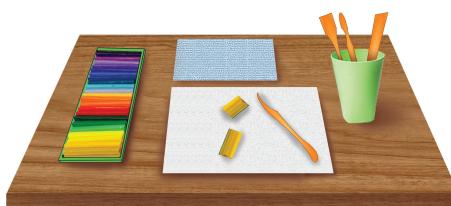
taxtacha



ho'l latta



stek



Ish stolini tartibli saqlang.
Ish quollarini yana o'z joyiga qo'ying.

Plastilin bilan ishlash



Uzunchoq, dumaloq va yapaloq
shakllarni yasash.



Surkash.



Silliqlash.

PLASTILINDAN MUSHUK SHAKLINI YASASH



1



2



3



4

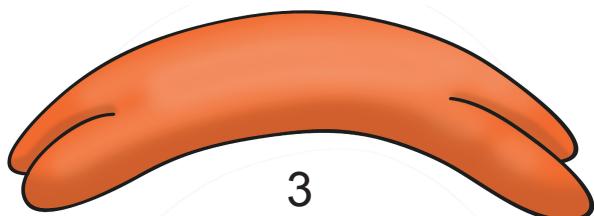
PLASTILINDAN OT SHAKLINI YASASH



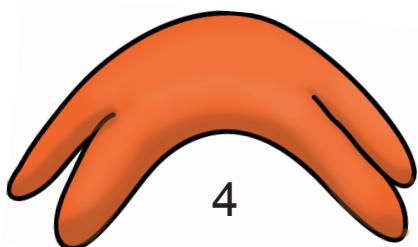
1



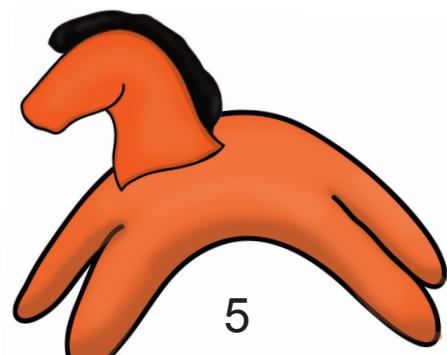
2



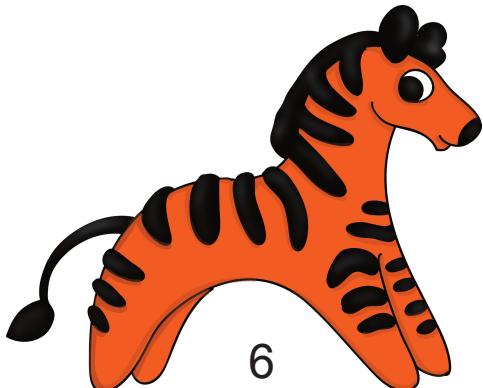
3



4



5



6

CHOYGUM YASASH



1



2



3



4



5



6



7



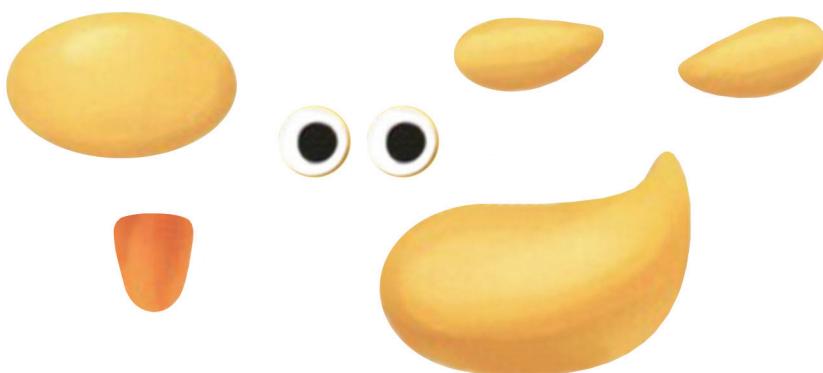
8



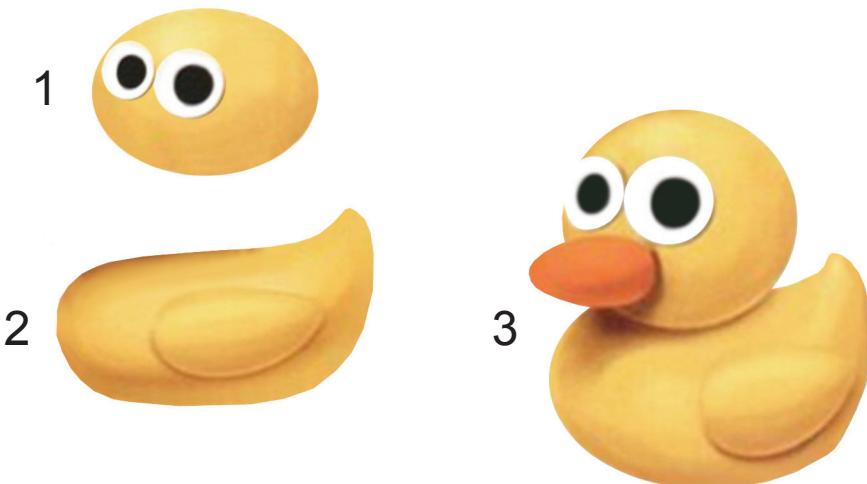
9

O'RDAKCHA SHAKLINI YASASH

Rasmda ko'rsatilgan shakllarni yasang:

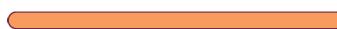


Shakllarni biriktiring:





PAZANDACHILIKDA ISHLATILADIGAN JIHOZLAR



O'qlov



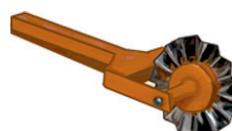
Elak



Jo'va



Qoliplar



Keskich



Suzgich



Kapgir



Qozon



Cho'mich



Novvoy – non mahsulotlarini pishiruvchi kasb egasi.



Qandolatchi – qandolat mahsulotlarini pishiruvchi kasb egasi.



Oshpaz – turli xil shirin taomlarni pishiruvchi kasb egasi.

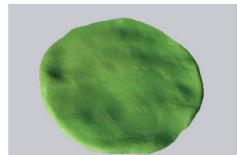
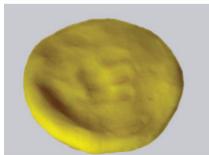


PAZANDACHILIKDA ISHLATILADIGAN MAHSULOTLAR



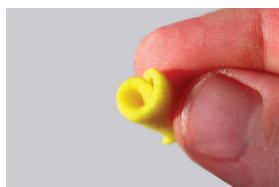
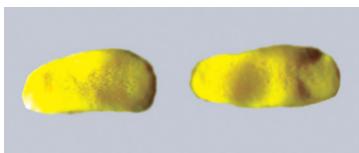


TORT YASASH

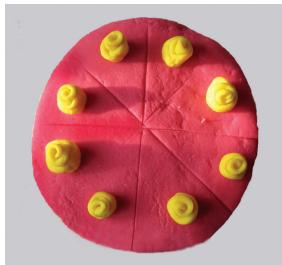


Uch xil rangdagi plastilindan sharcha yasab, kaftingiz bilan ezing.

Ezganingizda sharchaning tepe qismi yumaloqligicha qolishiga ahamiyat bering.

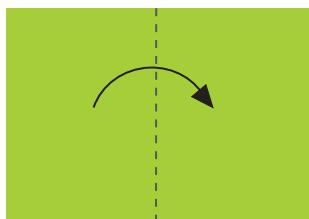


Tayyorlangan shakllarni ustma-ust joylashtiring. Tortning ustini har xil bezaklar bilan bezating.

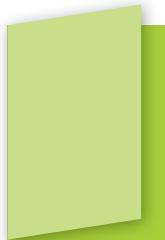




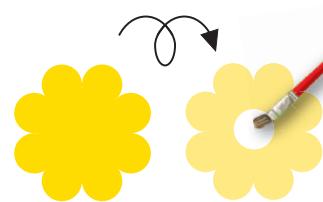
8-MART BAYRAMIGA TABRIKNOMA TAYYORLASH



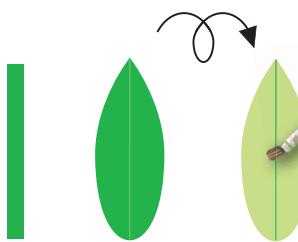
1



2



3



4



5

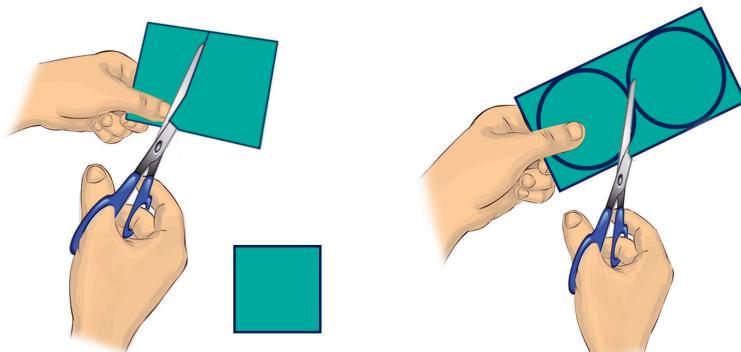
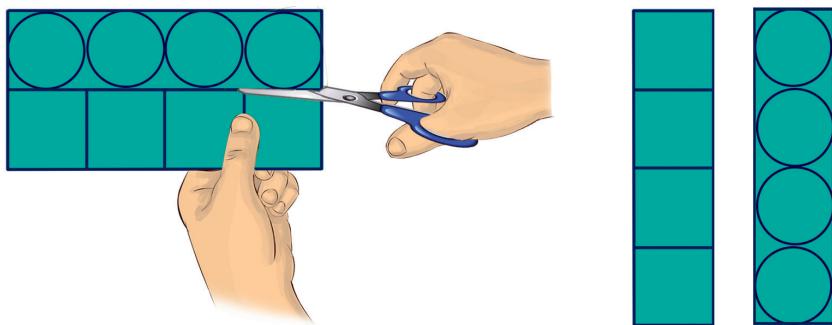
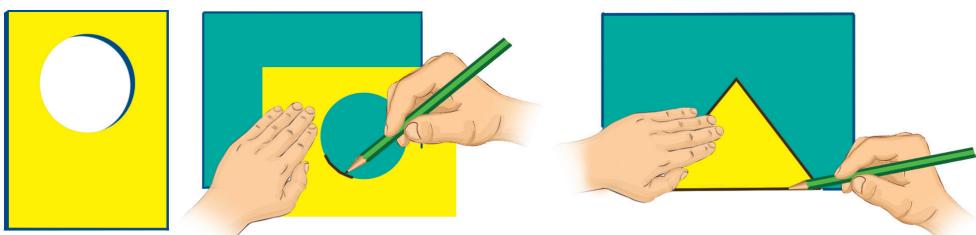


6



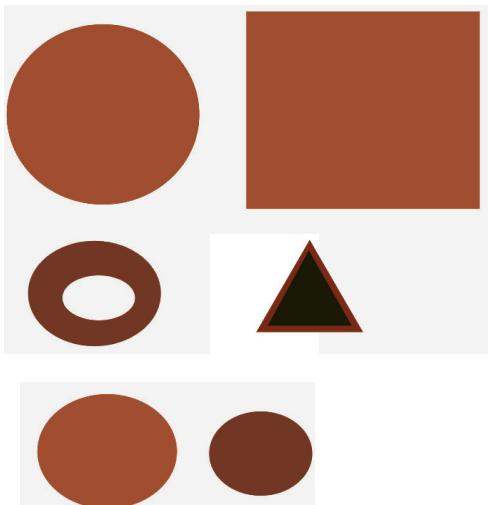
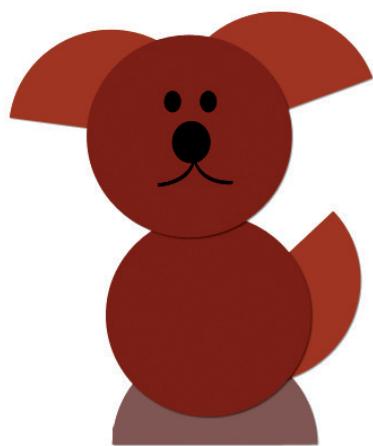
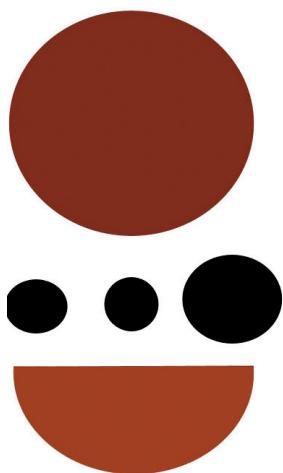
7

ANDAZA ASOSIDA GEOMETRIK SHAKLLARNI TAYYORLASH





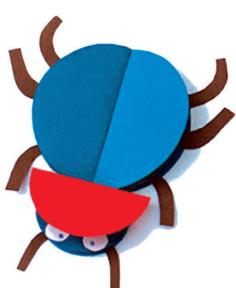
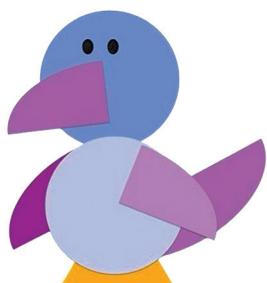
GEOMETRIK SHAKLDAGI QOG'OZLARDAN HAR XIL HAYVONLAR SHAKLINI YASASH





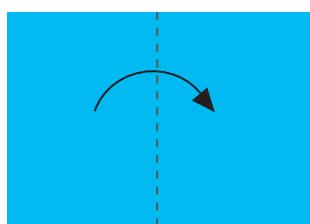
HAYVON TASVIRLARINI KUZATING VA YASAB KO'RING

Rasmda qanday hayvonlar tasvirlangan?
Ularni yasash uchun Siz qanday shakldagi
qog'ozlardan foydalanishingiz lozim?





NAVRO'Z BAYRAMIGA TABRIKNOMA TAYYORLASH



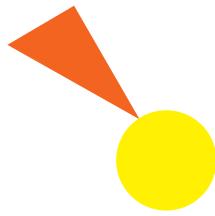
1



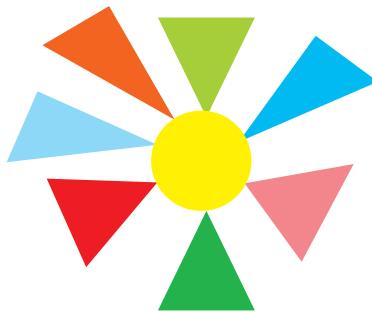
2



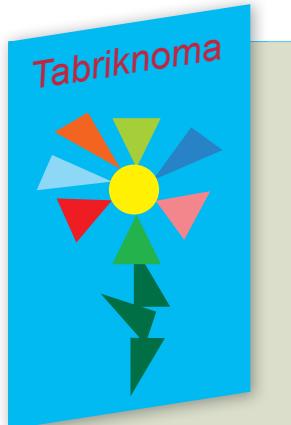
3



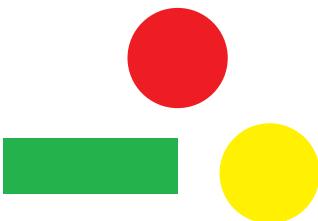
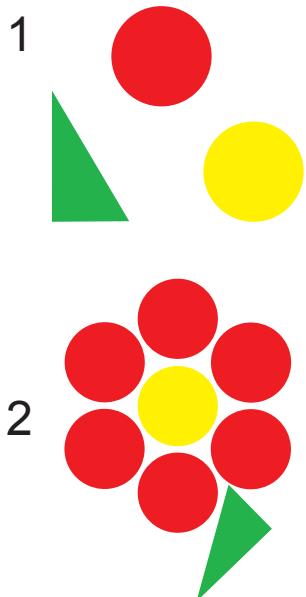
4



5



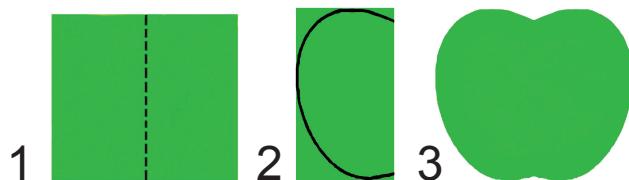
6



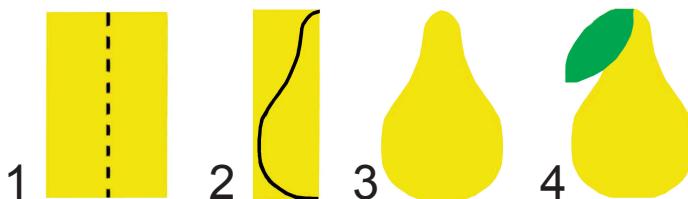


SIMMETRIK SHAKLDA QOG'ONI QIRQISH ORQALI MEVA VA BARGLAR YASASH

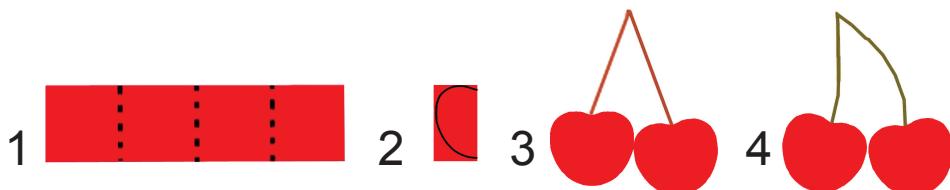
Rasmga diqqat bilan qarang. Qog'oz ikkiga buklangandan so'ng qanday ish amalga oshiriladi?



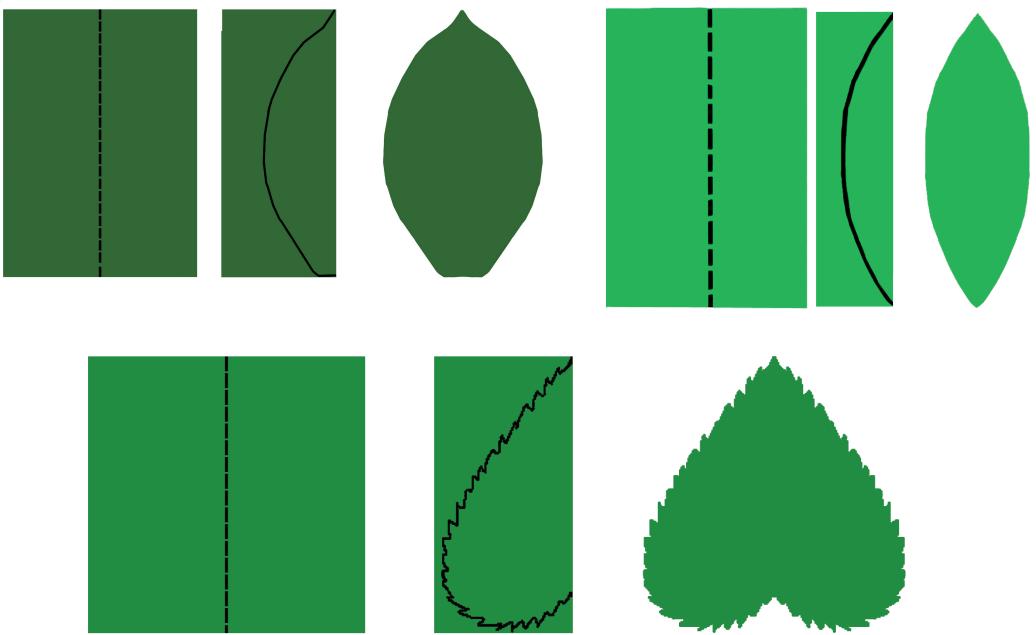
Olma shaklini qog'ozni ikkiga buklash yo'li bilan tayyorlang.



Uzunchoq shakldan nok shaklini qirqing.



Qog'ozni buklab, olcha shaklini tayyorlang.



Topshiriq.
Tayyorlagan mevalaringizni vazaga soling.





QURUVCHILIK KASBI

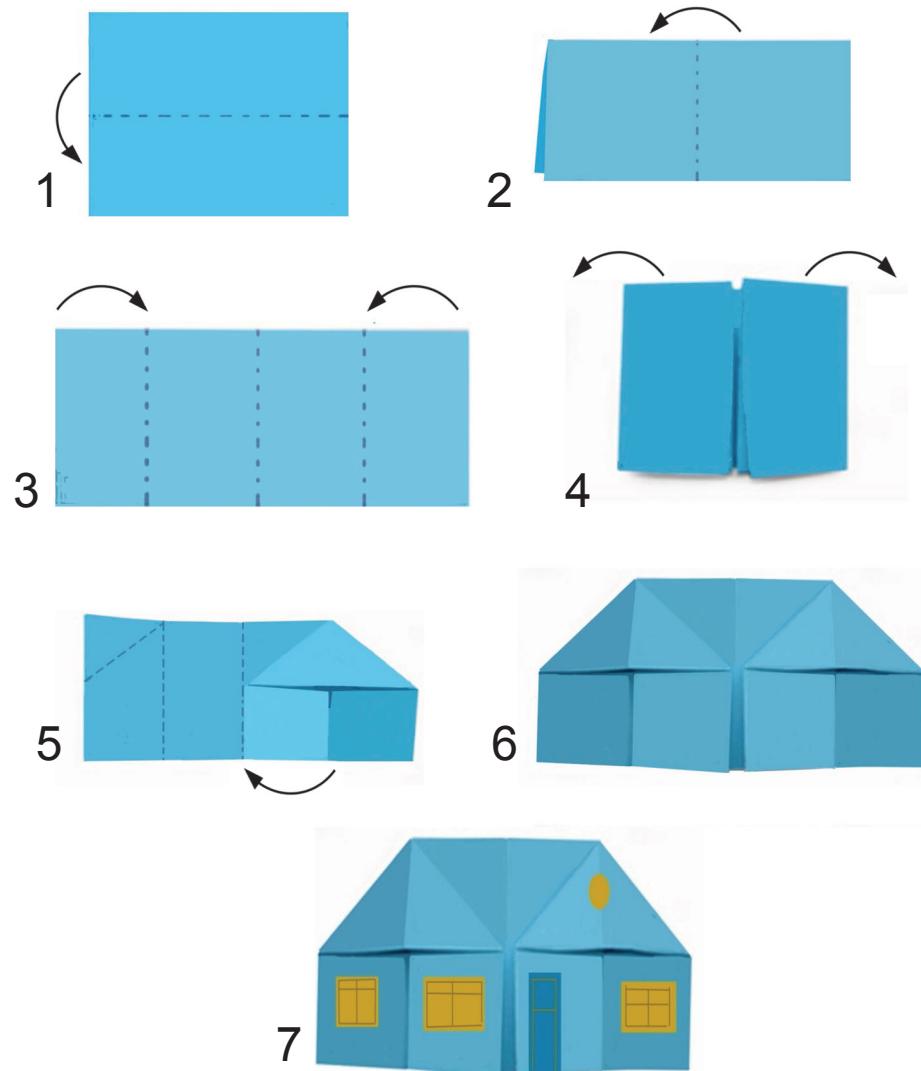
Ko'chaga chiqsangiz, uylar, maktab binosi, bog'cha va do'konlarni ko'rasiz. Bularni qurishda g'isht teruvchi, suvoqchi, duradgor, montyor, bo'yoqchi kabi kasb egalari birgalikda mehnat qilishgan.



Ayting-chi, kim qayerda ishlaydi?
Nima qilyapti?
Ularning kasbi qanday nomlanadi?



UY YASASH





Yasashga harakat qilib ko‘ring.



1



2



3



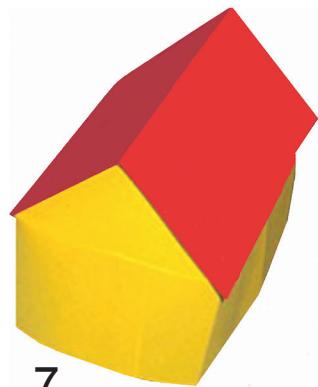
4



5



6



7

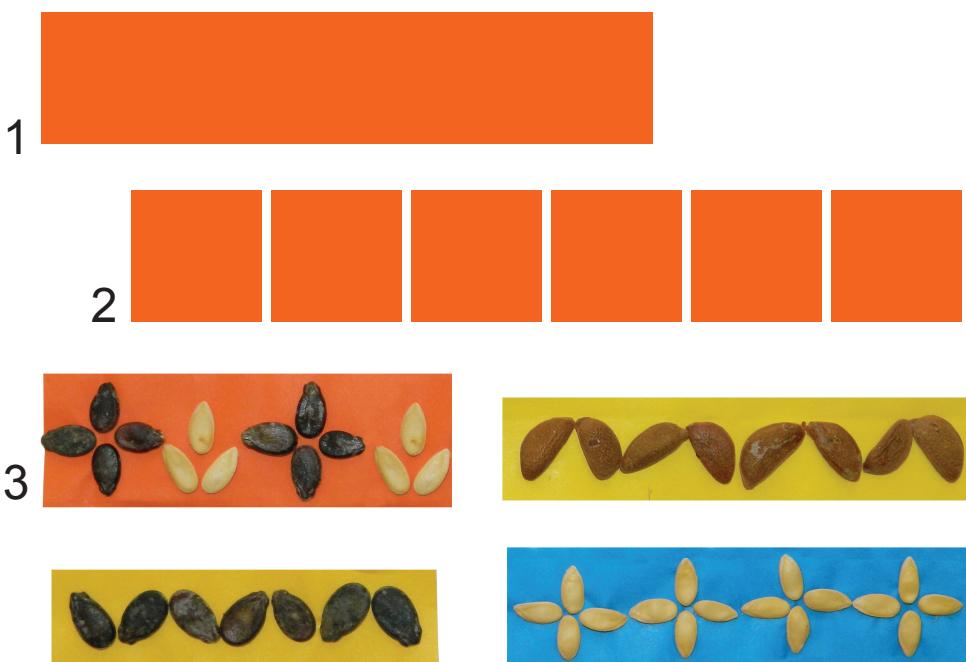


8



SABZAVOT VA MEVALARNING URUG'IDAN APPLIKATSIYA USULIDA NAQSH YASASH

Rangli kartondan eni 3 sm, bo'yisi 9 sm bo'lgan uzunchoq shaklni qirqib oling va qalam bilan teng bo'laklarga bo'lib chiqing. Uning ichiga naqsh chizib oling, so'ngra yelim yoki plastilin bilan urug'larni naqsh ustiga yopishtirib chiqing.



NAQSH ISHLASH





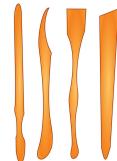
TABIY VA TURLI MATERIALLARDAN HAYVONLAR YASASH

Plastmassa idishlar juda ko‘p. Bu idishlardan har xil ertak qahramonlarini yasashingiz mumkin. Rasmga qarab, plastmassa idishdan qanday narsalar tayyorlanganligini ko‘rib chiqing. O‘zingizda bor idishlardan qanday ertak qahramonlarini yasay olasiz?

Kuzating	Kuzating
	
	
	
	
	
	



PINGVIN YASASH



1. Pingvin yasash uchun plastmassa idishni olib, uning bo'g'zi va qopqoq'iga plastilin yopishtiramiz. Qopqog'i uning bosh kiyimi bo'ladi.
2. Plastilindan ko'zi va og'zini yasaymiz.
3. Yashil plastilindan qanotini yasaymiz. Oq plastilindan qornini, qizil plastilindan esa oyoq panjalarini yasaymiz.



1



2



3

HAYVONLARNI YASASH



Plastmassa idish qopqoqlaridan turli xil hayvonlar yasash mumkin. Hayvonlar yasashda bosh qismidagi qulqoq, burun, og'izini, shuningdek, panja va dumlarini qog'ozdan andaza asosida qirqib yopish-tiring. Qopqoqlarni bir-biriga plastilin yordamida biriktiring. Ko'zini flomasterda chizib qo'ying.



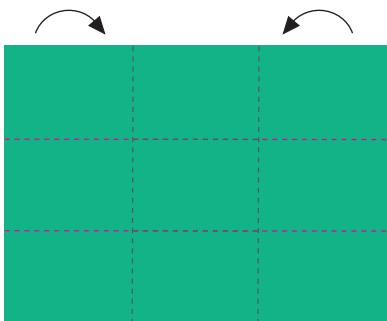


Yasab ko'ring

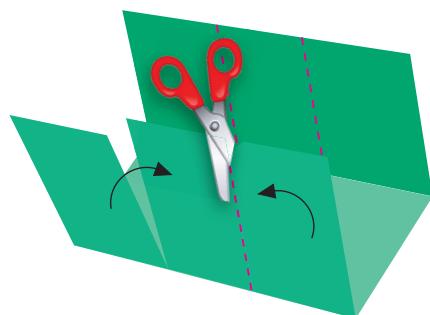




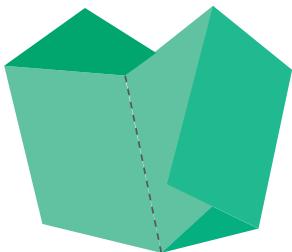
QOG'ODZAN SAVATCHA YASASH



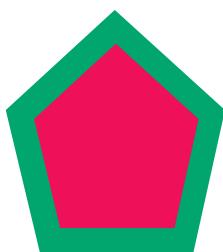
1



2



3



4



5



6



Rasmda bosqichma-bosqich bajarish yo'lari ko'rsatilgan. Diqqat bilan kuzatib, ishni bajaring.



1



2



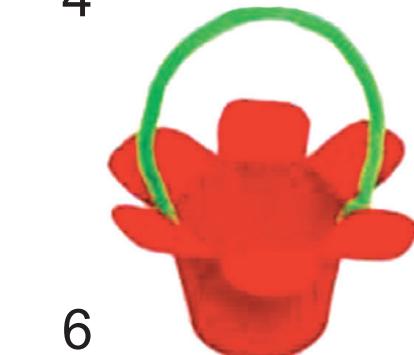
3



4



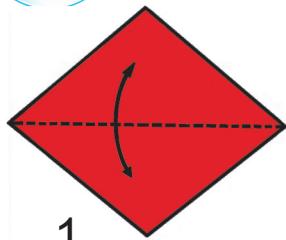
5



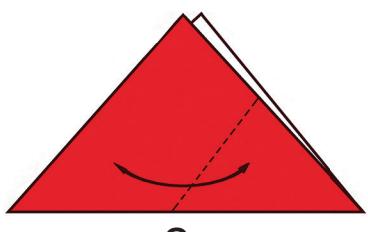
6



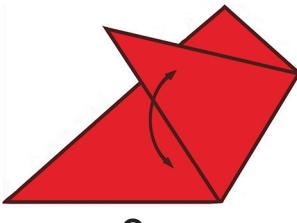
QOG'ÖZNI BUKLASH USULIDA GUL YASASH



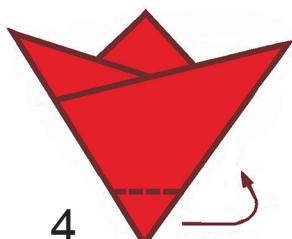
1



2



3



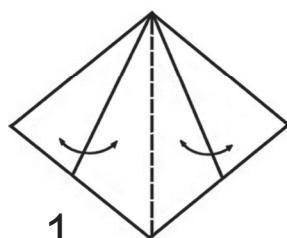
4



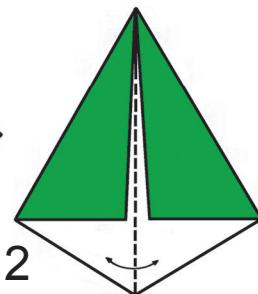
5



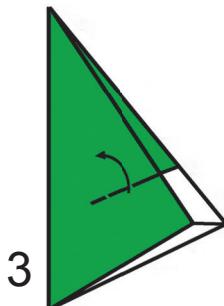
6



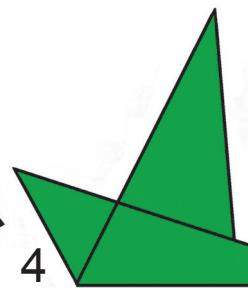
1



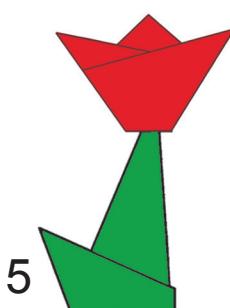
2



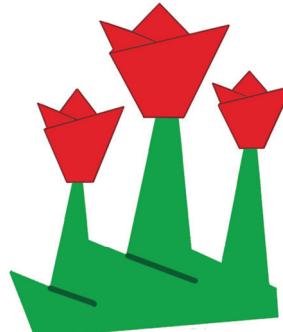
3



4



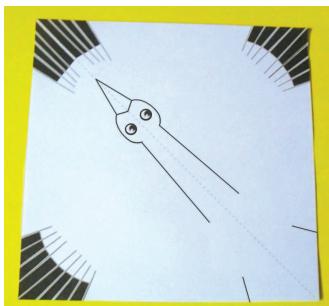
5



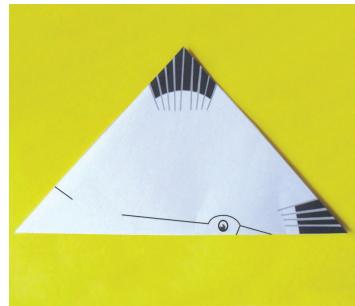


QOG'ÖZDAN OQQUSH SHAKLINI YASASH

1



2



3



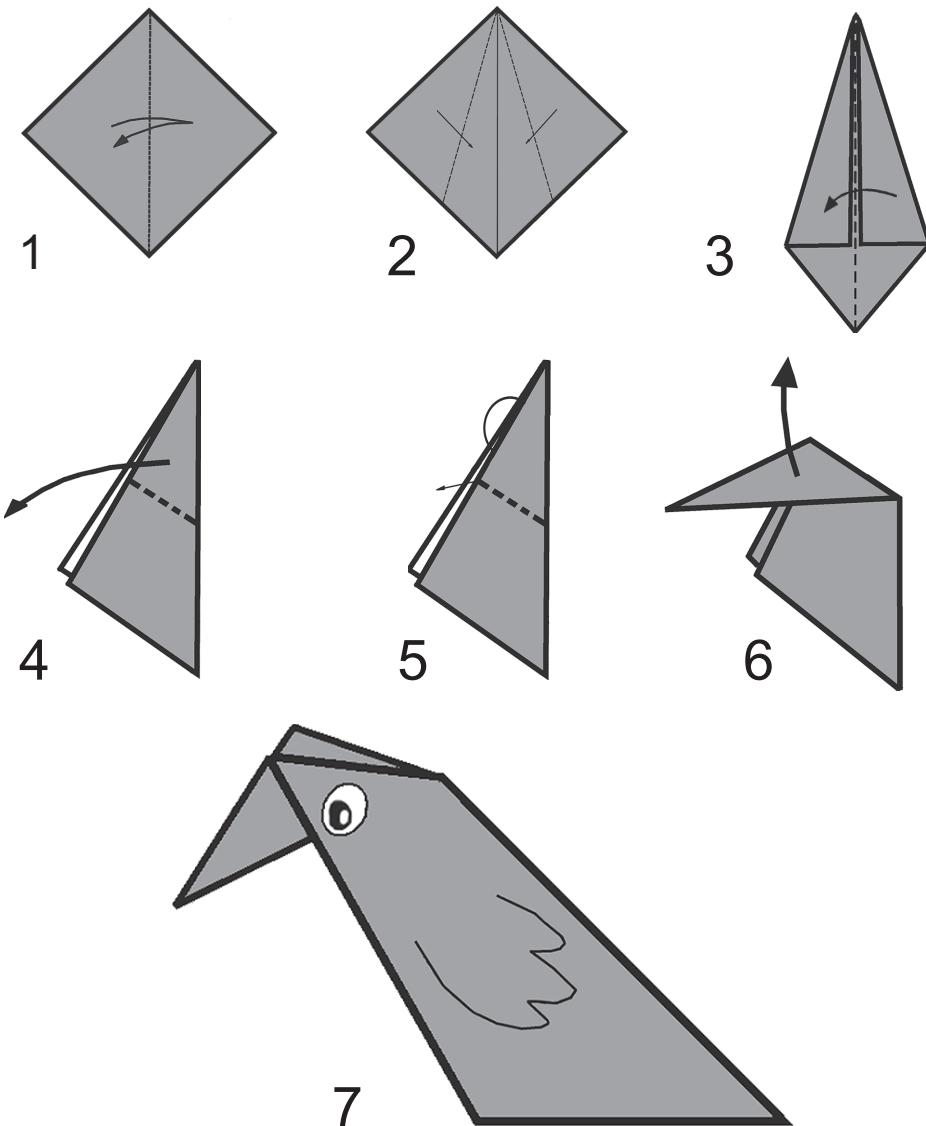
4



5

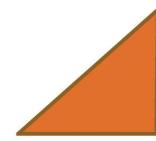
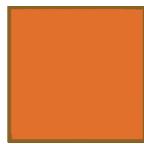
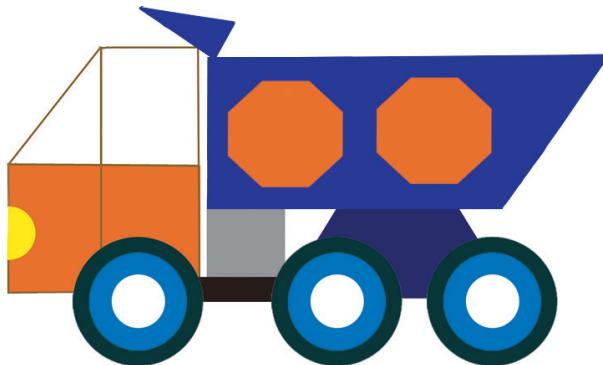


KUZATING VA YASAB KO'RING



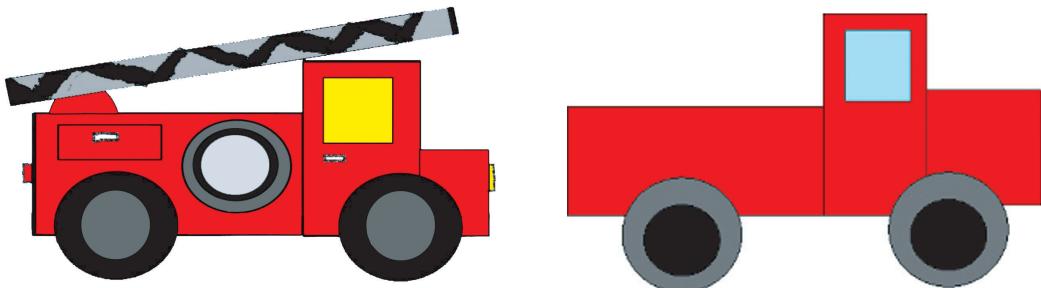


GEOMETRIK SHAKLLARDAGI QOG'ÖZDAN MASHINA QURISH-YASASH



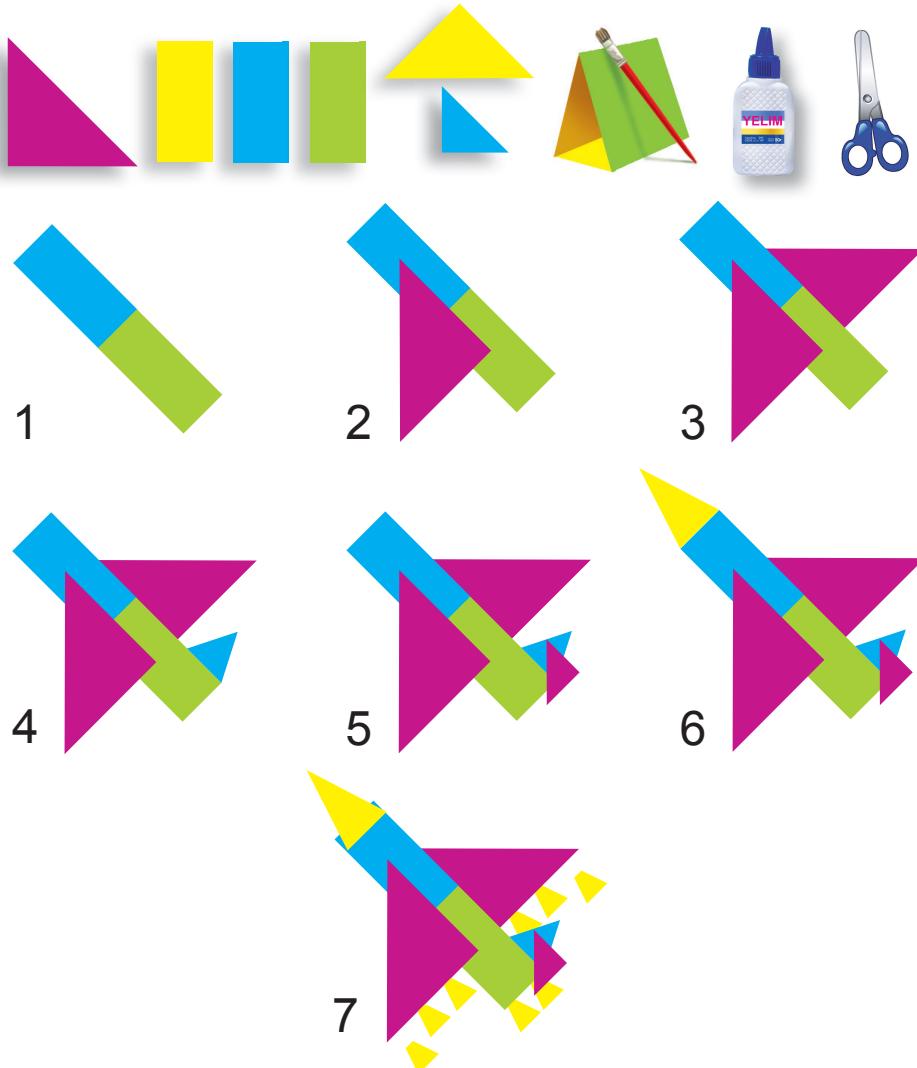
KUZATING VA YASAB KO'RING

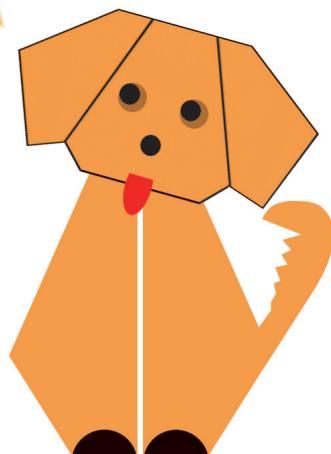
Rasmda qanday mashinalar tasvirlangan?
Ushbu rasmlarga qarab o'zingiz mashina shaklini mustaqil yasab ko'ring.

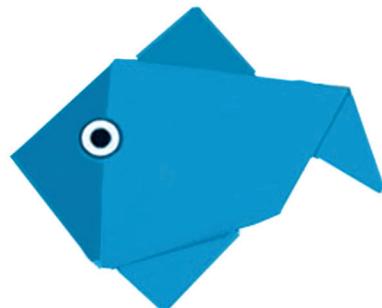
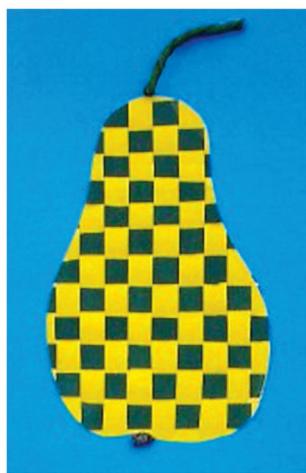


MUSTAQIL ISHLASH UCHUN TOPSHIRIQ

**Qanday yasalishini o‘ylang!
Yasashga harakat qiling.**







MUNDARIJA

BUYUMLAR YASASHNI O'RGANAMIZ	3
TEXNOLOGIYA DARSIDA	
ISHLATILADIGAN ASHYOLAR	4
TEXNOLOGIYA DARSIDA XAVFSIZ MEHNAT	
USULLARI VA O'QUV QUROLLARI	5
QAYCHI BILAN ISHLASHDA	
XAVFSIZLIK TEXNIKASI	6
YELIM BILAN ISHLASH QOIDASI	7
QOG'OZ VA UNING TURLARI	8
QOG'OZNI BUKLASH USULLARI	10
QOG'OZ BILAN ISHLASH	11
QAYIQCHA YASASH	12
KITOB UCHUN XATCHO'P YASASH	13
QOG'OZNI BUKLASH ORQALI HAYVONLAR	
SHAKLINI YASASH	15
MUSHUKCHA YASASH	16
TABIIY MATERIALLAR HAQIDA TUSHUNCHА	17
OLTIN KUZ MANZARASINI TASVIRLASH	18
TABIIY VA TURLI MATERIALLARDAN JONIVORLAR	
SHAKLINI YASASH	19
O'ZINGIZ YASANG	20
TABIIY MATERIALLARDAN HAYVONLAR SHAKLINI YASASH	21

TABIYY MATERIALLARDAN QUSHCHA SHAKLINI YASASH	23
TABIYY MATERIALLARDAN PARRANDALAR SHAKLINI YASASH	24
BALIQCHA YASASH	25
TULKI SHAKLINI YASASH	27
KEMACHA YASASH	28
UCHUVCHI PLANER YASASH	29
MAYDALANGAN RANGLI QOG'ÖZLARDAN MOZAika USULIDA MEVALAR SHAKLINI YASASH	30
ARCHA O'YINCHOQLARINI YASASH	33
O'ZINGIZ ARCHA UCHUN BEZAKLAR YASANG	34
BAYRAM NIQOBLARI	36
QISH MANZARASINI APPLIKATSIYA USULIDA ISHLASH	38
PLASTILIN VA LOY BILAN ISHLASH QOIDALARI	41
PLASTILINDAN MUSHUK SHAKLINI YASASH	42
PLASTILINDAN OT SHAKLINI YASASH	43
CHOYGUM YASASH	44
O'RDAKCHA SHAKLINI YASASH	45
PAZANDACHILIKDA ISHLATILADIGAN JIHOZLAR	46
PAZANDACHILIKDA ISHLATILADIGAN MAHSULOTLAR	48
TORT YASASH	49
8-MART BAYRAMIGA TABRIKNOMA TAYYORLASH	50
ANDAZA ASOSIDA GEOMETRIK SHAKLLARNI TAYYORLASH	51

GEOMETRIK SHAKLDAGI QOG'OZLARDAN	
HAR XIL HAYVONLAR SHAKLINI YASASH	52
HAYVON TASVIRLARINI KUZATING VA	
YASAB KO'RING	53
NAVRO'Z BAYRAMIGA TABRIKNOMA TAYYORLASH	54
SIMMETRIK SHAKLDA QOG'OZNI QIRQISH	
ORQALI MEVA VA BARGLAR YASASH	56
QURUVCHILIK KASBI	58
UY YASASH	59
SABZAVOT VA MEVALARNING URUG'IDAN	
APPLIKATSIYA USULIDA NAQSH YASASH	61
NAQSH ISHLASH	62
TABIYY VA TURLI MATERIALLARDAN HAYVONLAR	
YASASH	63
PINGVIN YASASH	64
HAYVONLARNI YASASH	65
QOG'OZDAN SAVATCHA YASASH	67
QOG'OZNI BUKLASH USULIDA GUL YASASH	69
QOG'OZDAN OQQUSH SHAKLINI YASASH	70
KUZATING VA YASAB KO'RING	71
GEOMETRIK SHAKLLARDAGI QOG'OZDAN	
MASHINA QURISH-YASASH	72
KUZATING VA YASAB KO'RING	73
MUSTAQIL ISHLASH UCHUN TOPSHIRIQ	74

O'quv nashri

Mannopova Ilgizar Axmadovna
Mavlonova Rahima Abdurazzoqovna
Ibragimova Nazokat Ravshanxonovna

TEXNOLOGIYA

1-sinf uchun darslik

(O'zbek tilida)

Qayta ishlangan va to'ldirilgan
uchinchi nashri

«O'zbekiston milliy ensiklopediyasi»
Davlat ilmiy nashriyoti
Toshkent – 2017

Tahririyat mudiri	Anvar Zulfiqorov
Muharrir:	Lola Fattoyeva
Dizayner	Asqar Yoqubjonov
Suratchi	Atxam Sulaymonov
Texnik muharrir	Umid Sapayev
Rassom	Jahongir Badalov

Nashriyot litsenziyasi AI № 160, 14.08.2009-y.
19.05.2017-y.da bosishga ruxsat etildi. Bichimi 70x90 1/₁₆.
Kegli 18. Ofset usulida bosildi. Shartli bosma tabog'i 5,85. Nashr hisob tabog'i 5,00.
Adadi 572416 nusxa. 63–17-sonli buyurtma. 69-sonli shartnoma.

«O'zbekiston milliy ensiklopediyasi» Davlat ilmiy nashriyoti,
Toshkent, 100011, Navoiy ko'chasi, 30-uy.

O'zbekiston Matbuot va axborot agentligining
«O'qituvchi» nashriyot-matbaa ijodiy uyi bosmaxonasida chop etildi.
Toshkent, 100206, Yangishahar ko'chasi, 1-uy.