



NUOTOLINIS UGDYMAS. NAUJA PATIRTIS

Aleksandras Ronkus
Technologijų mokytojas ekspertas

Klaipėdos „Versmės“ progimnazija
Klaipėdos suaugusiųjų gimnazija
Klaipėdos moksleivių saviraiškos centras

2020-04-29

Techninė užduotis...

...resursai...

...gebėjimai...

...laikas...

... „pasvertos“ užduotys...

...laukiamas rezultatas





5 klasė

2020-04-02/09. 3D modeliavimas



	3D modeliavimas	Redaguota 04-06
	Simetrija	Redaguota 04-06
	1 užduotis	Terminas: 04-08 17:00
	1.1. Modeliavimas. Medžiagos įtvirtinimas.	Terminas: 04-14 17:00

1 užduotis Terminas: 04-08 17:00

Paskelbta 04-02 (Redaguota 04-05)

Atlikite užduotį pagal pateiktą aprašymą. Norint pasidalinti atliktu darbu prie programos reikia prisiregistruoti.

0	0	12
Pateikė	Priskirta	Įvertinta

Padėkliuko_projektavim...
Word

Kaip_issiusti_atlikta_dar...
PDF

Kaip_parsisiust_uzduoti...
PDF

Kaip_pasidalinti_atliktu_...
PDF

Žr. užduotį

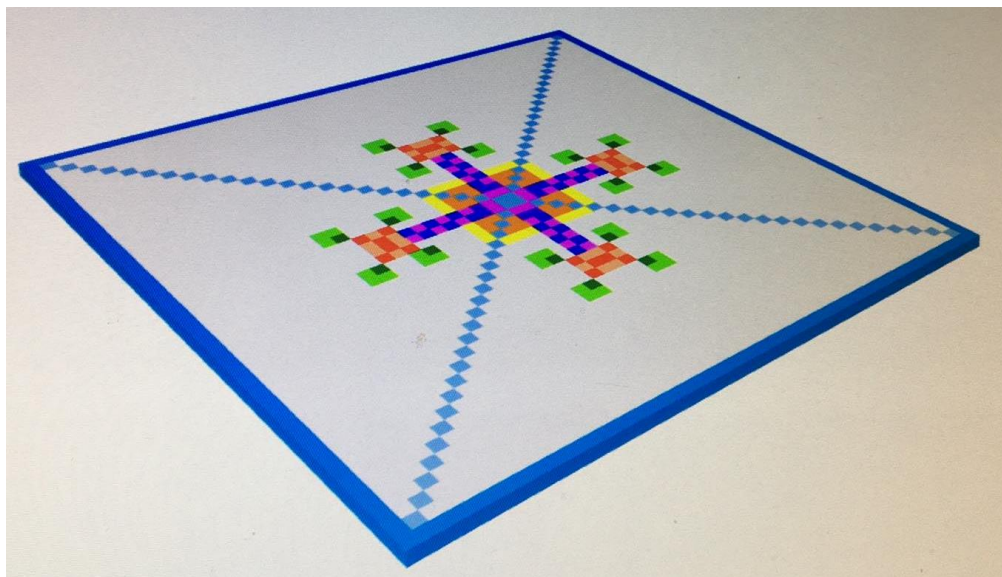
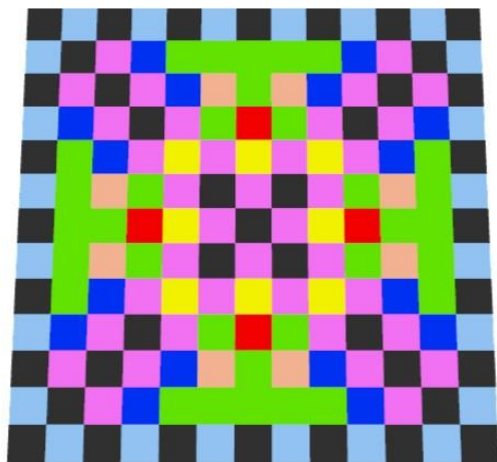
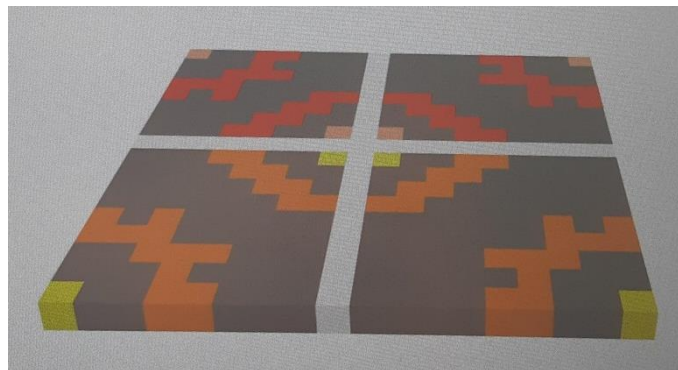


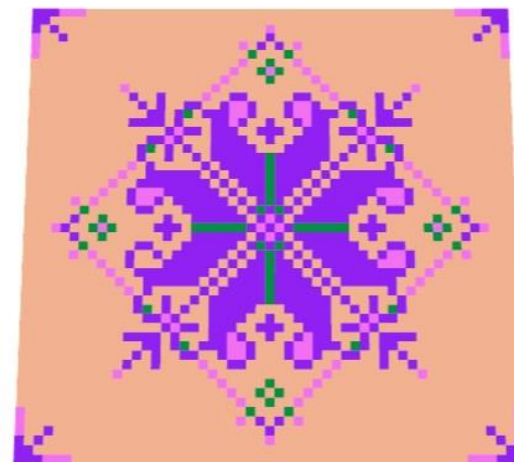
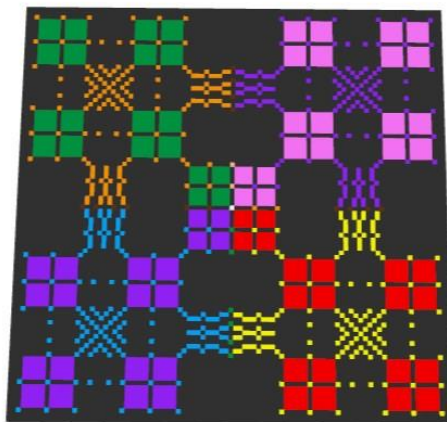
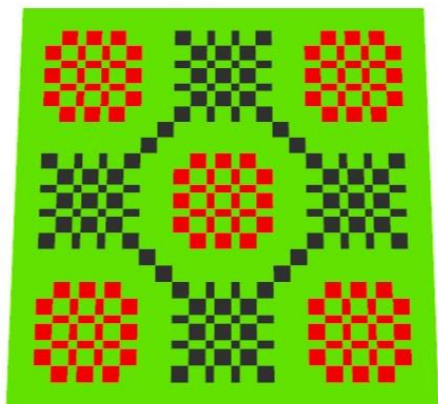
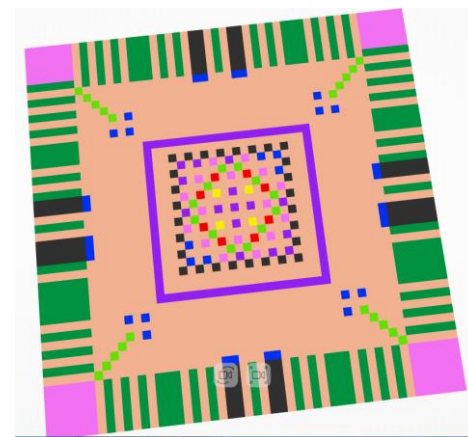
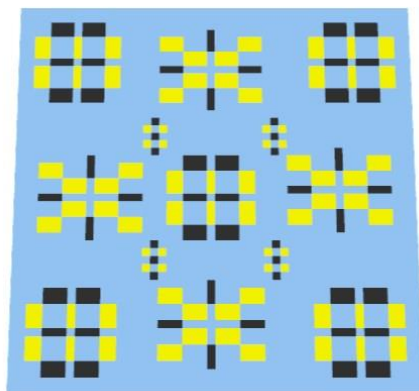
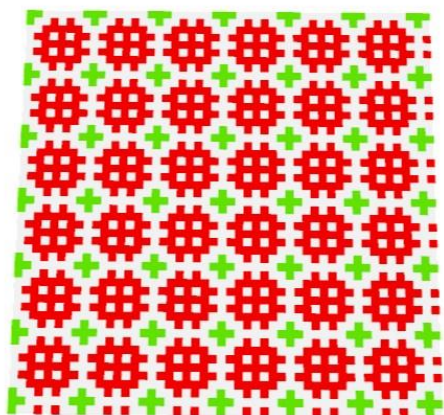
1.1. Modeliavimas. Medžiagos įtvirtinimas.

Terminas: 04-14 17:00



„PADĖKLIUKAS“







Techninė užduotis "Pakabukas"

Paskelbta 04-15

Techninės užduoties planas:

1. Atsisiųsti į kompiuterį užduoties dokumentą ir išsaugoti savo vardu.
2. Susipažinti su dokumentu ir peržiūrėti vaizdo medžiagą.
3. Pasiruošti medžiagas ir priemones.
4. Atliekant darbą kiekvieną technologinę operaciją fotografuoti ir pildyti dokumentą.
5. Užpildytą dokumentą, kartu su gaminio nuotrauka, pateikti mokytojui iki nurodytos datos.



Pakabukas_5_klase.docx



Pynimo_instrukcija.pdf

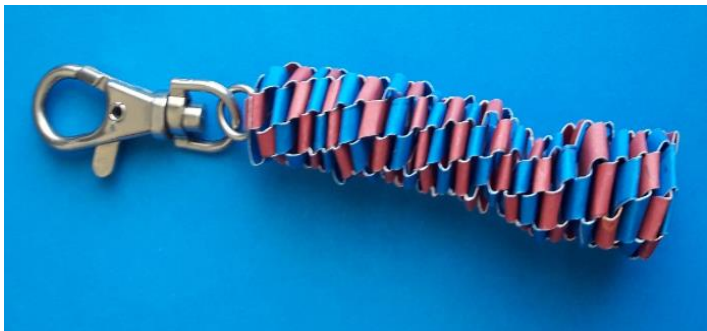
Žr. užduotį



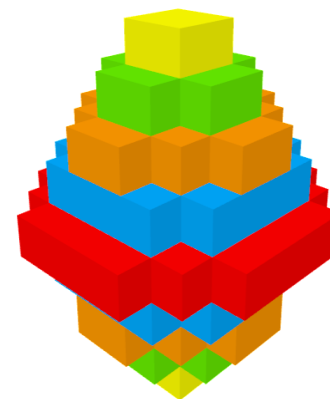
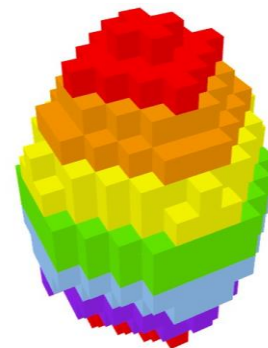
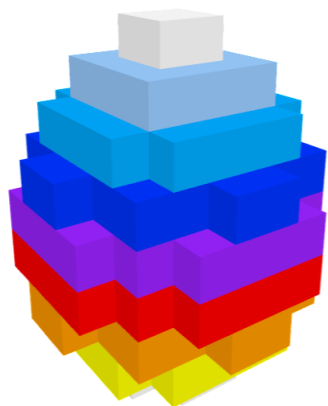
Pagalba atliekant užduotį

Redaguota 04-24





6 klasė



„MARGUČIO INTERPRETACIJOS“

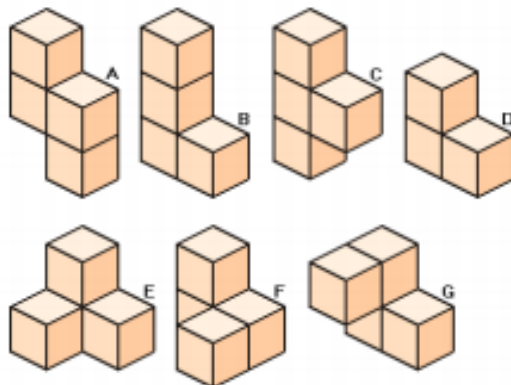
„SOMA kuby“



Origami



SOMA CUBES dėlionė. Techninė užduotis



Užduotis:

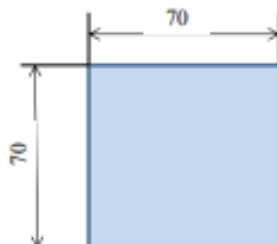
- Pasigaminti lankstymui iš spalvoto popieriaus origami detales 70 x 70
- Kiekvienai dėlionės detalei naudoti skirtingą spalvą.

Dėlionės detalė	Kubelių skaičius	Origami detalių skaičius	Spalva
A	4	$4 \times 6 = 24$	Raudona
B	4	$4 \times 6 = 24$	Mėlyna
C	4	$4 \times 6 = 24$	Geltona
D	3	$3 \times 6 = 18$	Žalia
E	4	$4 \times 6 = 24$	Oranžinė
F	4	$4 \times 6 = 24$	Violetinė
G	4	$4 \times 6 = 24$	Žydra

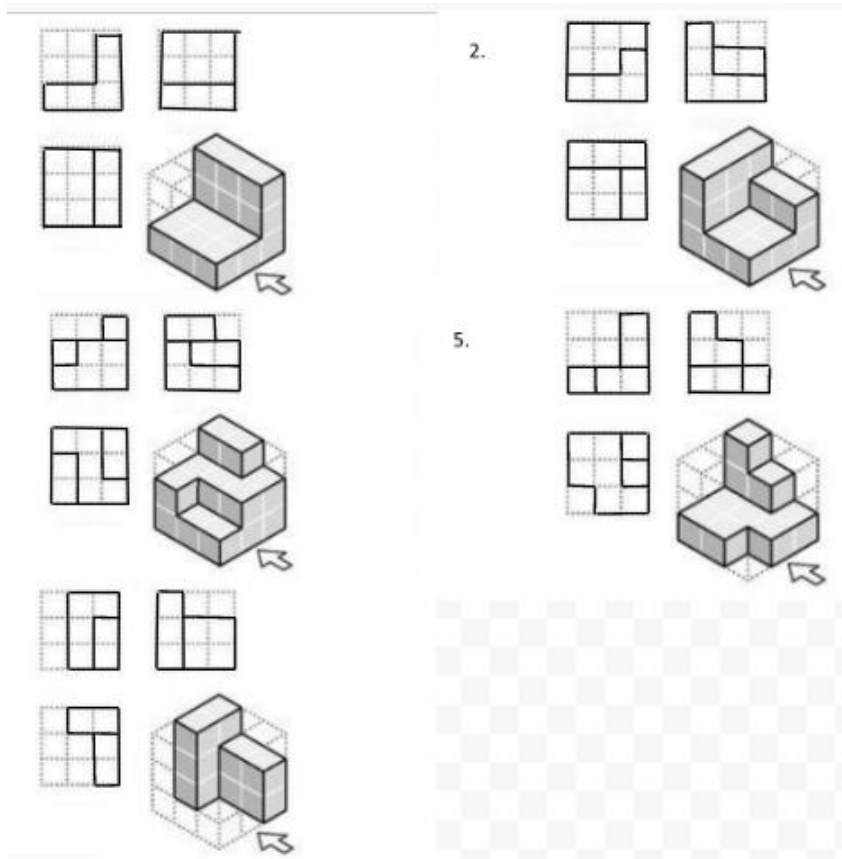
Pastabas: Spalvas galite rinktis patys



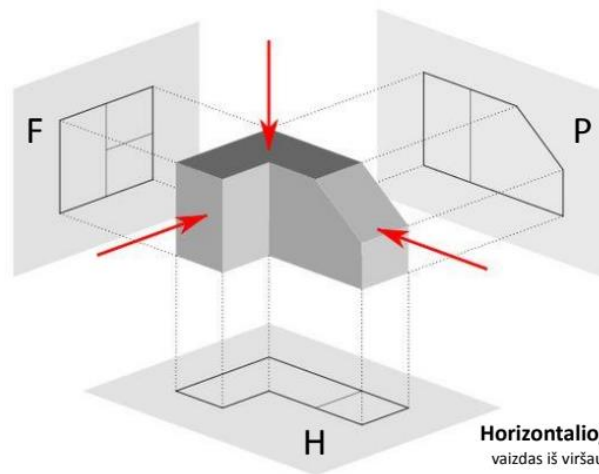
Lankstymo pagrindo dydis



„Detalēs projektavimas ir modeliavimas“



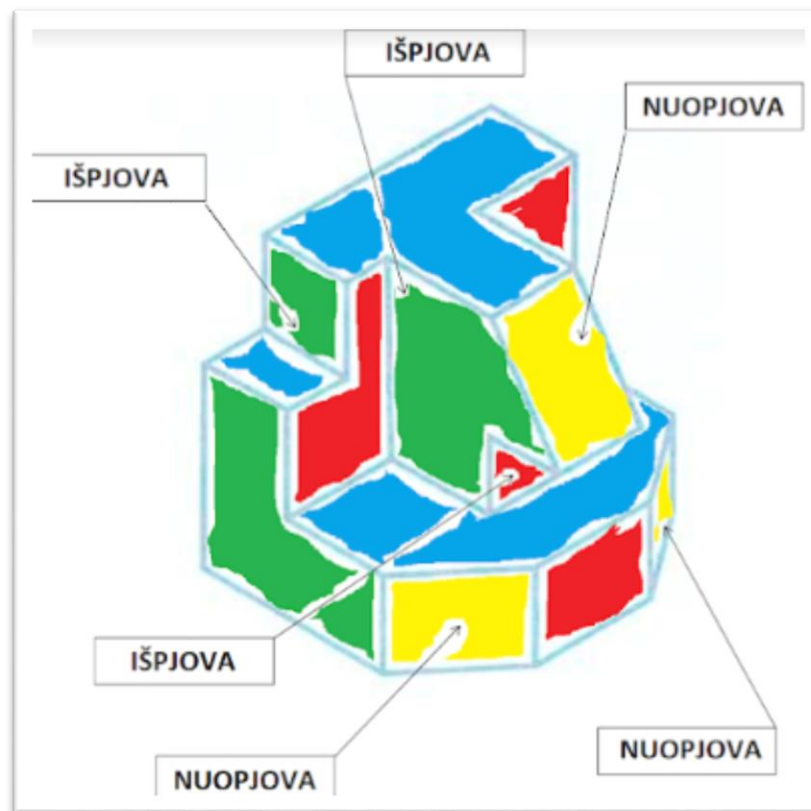
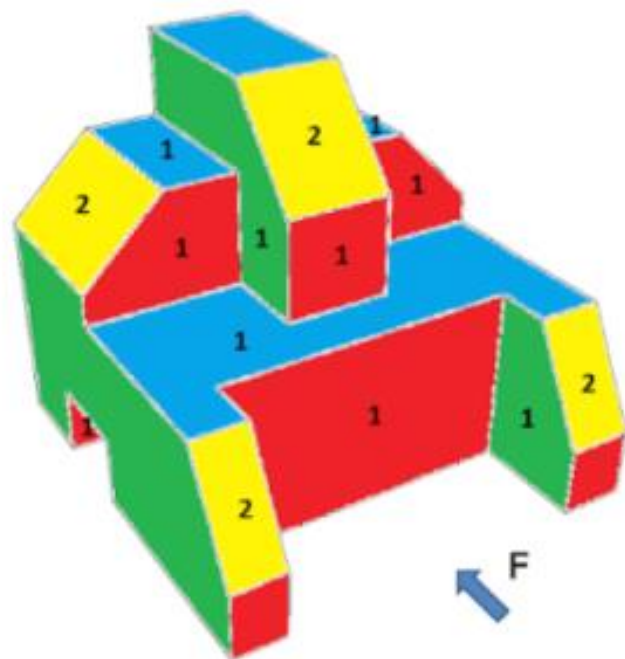
Frontalioji –
vaizdas iš
priešio



Profilinė –
vaizdas iš
kairiojo šono

Horizontalioji –
vaizdas iš viršaus







templatemaker.nl



Typical paper bag that can be stored properly flat. This template can be used to create both a slick little grocery bag or a large grocery bag. This design also uses a lot for gift wrapping wine corks. The top of the bag is folded for reinforcement. Do not use paper or plastic that is too heavy as it will not fold as intended to fold the template.

UNITS
mm cm in

LENGTHS

Length	50
Width	50
Height	150
Side	20

[CREATE!](#)
[More options](#)

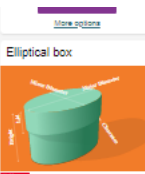
Box with lid



First template for box with lid, for example a shoebox or a board game box. Length, Width and Height are all inner dimensions. This template is designed for rather shallow boxes. If a box is tall, use the card box instead.

UNITS
mm cm in

LENGTHS



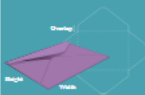
An elliptical or oval box. The template consists of 4 parts and comes with a paper jig that can be used to assemble the box in a neat way. The top and bottom parts are duplicated in the template. When they are cut out you are left with the jig plus 2 tops and 2 bottoms. You can destroy the spare top and bottom. The jig will need to be folded, as shown in the diagram.

UNITS
mm cm in

LENGTHS

Length	100
Width	50
Height	40
Lid Height	20

[CREATE!](#)
[More options](#)



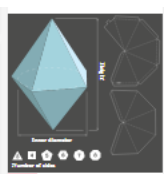
A packaging item, designed to contain a flat object, such as a letter or card.

UNITS
mm cm in

LENGTHS

Length	150
Width	110

[CREATE!](#)



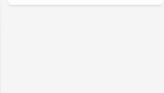
Gem stone shaped box, consisting of two identical pyramids, glued together bottom to bottom. It is a neat box that can be used for packaging. It can be stored (and shipped) completely flat. When you cut the two apices apart, the box will get its full shape. It is easier to glue this shape when both halves are flat. Just fold the glue tabs at the way in and glue the top to the bottom. Just remember not to glue the rounded flaps.

UNITS
mm cm in

LENGTHS

Length	70
Width	40
Height	10
Material Thickness	2
Clearance	5

[CREATE!](#)
[More options](#)



Tube-shaped box with a gusseted opening. This model will not be water tight if you make it at home, though!

UNITS
mm cm in

LENGTHS

Length	100
Width	50
Height	140
Roof Height	25
Top Flap	15
Shutted Corners	10



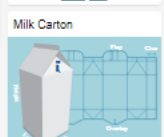
A simple Tray and Sleeve Box. The dimensions are inner dimensions. The clearance is added twice to both height and the width. The tray can be assembled without glue, although a side glue won't hurt, of course.

UNITS
mm cm in

LENGTHS

Length	70
Width	40
Height	10
Material Thickness	2
Clearance	5

[CREATE!](#)
[More options](#)

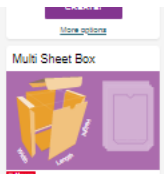


How annoying that a sheet the size of an A4 or a Letter is so small, isn't it? This template allows you to construct much larger boxes by using 6 separate sheets. It takes a bit more glue but you can make a much more impressive box! Use some sturdy material. You might use some orange some old cereal boxes or pizza boxes. Be aware that your design printer might need some 'convincing' to accept these.

UNITS
mm cm in

LENGTHS

Length	150
Width	100
Height	200



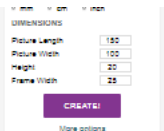
A simple, economic yet charming shape for packing items like cushions, jewelry or clothing. Do not make the pillow pack too thick, or the paper will tear when you fold the ends. Keep the width at least twice as long as the height. Once folded, the width and length will be slightly smaller than the values entered because of the curves of the cardboard.

UNITS
mm cm in

LENGTHS

Length	50
Width	50
Height	20

[CREATE!](#)
[More options](#)



NEED EVEN MORE?
More models are 'under construction' in [URLs](#)



UNITS
mm cm in

LENGTHS

Inner Diameter	50
Number of sides	6
Height	20
Lid Height	20

[CREATE!](#)
[More options](#)

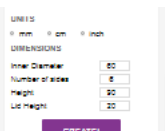


This is a prismatic box with a regular polygon as a base. The dimensions determine the geometry of the base. The clearance determines how much the lid is soaked.

UNITS
mm cm in

LENGTHS

Inner Diameter	50
Number of sides	6
Height	20
Lid Height	20
Clearance (percentage)	5



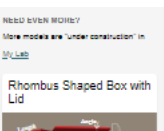
A round, cylindrical box. The template consists of 4 parts and comes with a paper jig that can be used to assemble the box in a neat way. The top and bottom parts are duplicated in the template. When they are cut out you are left with the jig plus 2 tops and 2 bottoms. You can destroy the spare top and bottom. The jig will need to be folded, as shown in the diagram.

UNITS
mm cm in

LENGTHS

Length	210
Width	150
Height	50
Inner Length	130
Inner Width	90
Inner Height	10
Material Thickness	2
Thumb Hole Width	20
Thumb Hole Length	50

[CREATE!](#)
[More options](#)



Star-shaped with arbitrary thickness and number of points. Depending on the dimensions, you'll either get one cylindrical shape for a way, point of the star, or flaps (pentacircular shapes) for either side of the star. The latter is the quickest and easiest way, but the stars with long points look the best. To obtain this one, use a large height, large inner radius and a low amount of points. The given parameters will work for this.

UNITS
mm cm in

LENGTHS

Length	50
Width	50
Height	120
Angle	30
Lid Height	20

[CREATE!](#)
[More options](#)



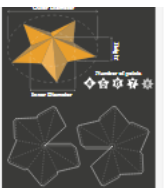
Box meant for thin items. Use this template to create a box meant that looks as item safety in the center of a box. It leaves some extra space for a rhombus, so it's easy to retrieve the item.

UNITS
mm cm in

LENGTHS

Length	200
Inner Diameter	18
Height	150
Number of points	5

[CREATE!](#)
[More options](#)



Box meant for thin items. Use this template to create a box meant that looks as item safety in the center of a box. It leaves some extra space for a rhombus, so it's easy to retrieve the item.

UNITS
mm cm in

LENGTHS

Length	210
Width	150
Height	50
Inner Length	130
Inner Width	90
Inner Height	10
Material Thickness	2
Thumb Hole Width	20
Thumb Hole Length	50

[CREATE!](#)
[More options](#)

Impressive! One typical use for the model is packing primes. It can be the base for many shapes, as long as the top and bottom are parallel and spacing sides have equal draft angles. If you use yellow or gold paper, you can use it to make paper 'gold bars'. (Or gold pressed aluminum, if you prefer.)

UNITS
mm cm in

LENGTHS

Top Length	15
Bottom Length	40
Top Width	30
Bottom Width	40
Height	40

[CREATE!](#)
[More options](#)

Tray Insert



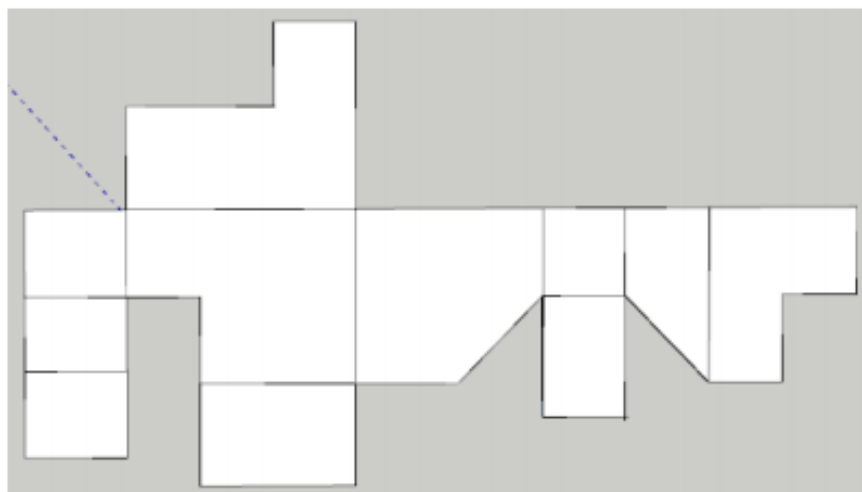
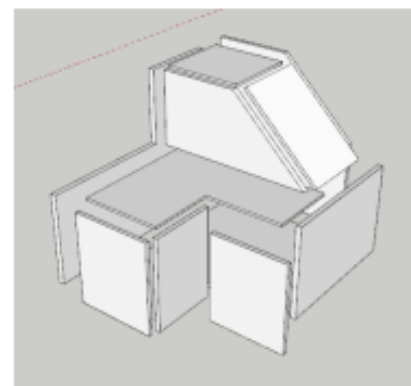
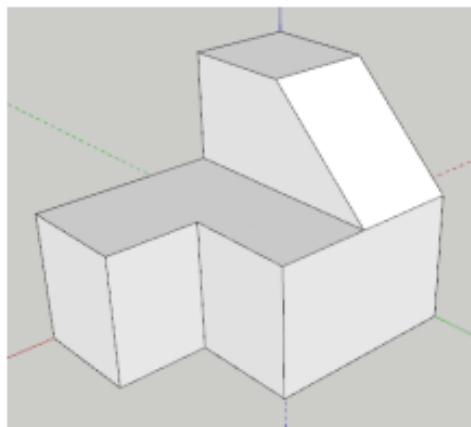
Box meant for thin items. Use this template to create a box meant that looks as item safety in the center of a box. It leaves some extra space for a rhombus, so it's easy to retrieve the item.

UNITS
mm cm in

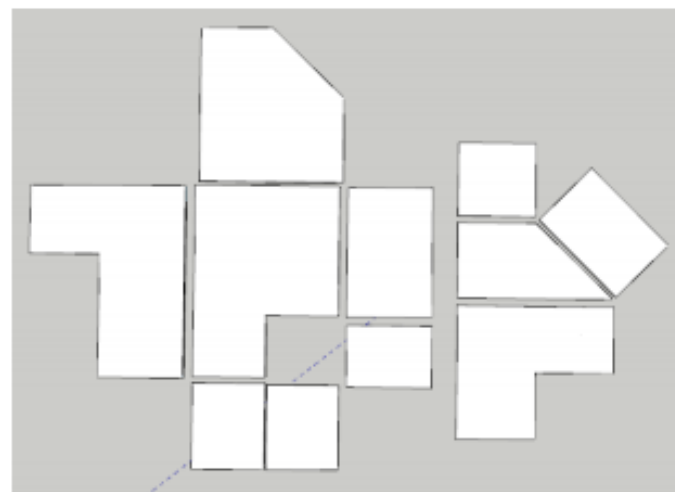
LENGTHS

Length	210
Width	150
Height	50
Inner Length	130
Inner Width	90
Inner Height	10
Material Thickness	2
Thumb Hole Width	20
Thumb Hole Length	50

Detalės maketas. Maketavimo variantai.



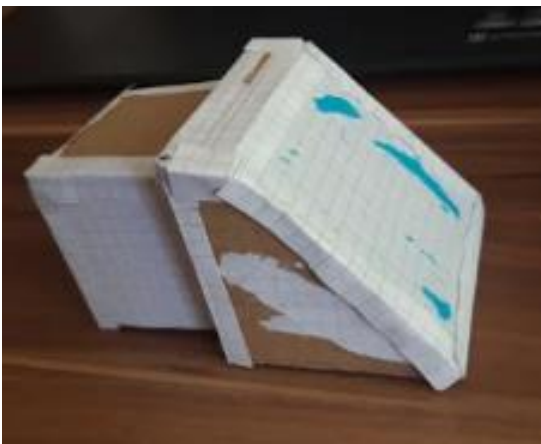
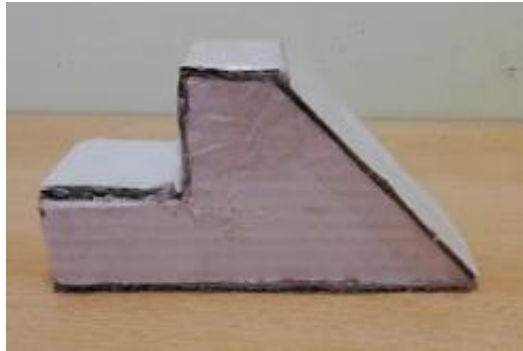
Detalės išsklotinė



Detalės atskiros dalys

1 psl. iš 1

— 🔍 +

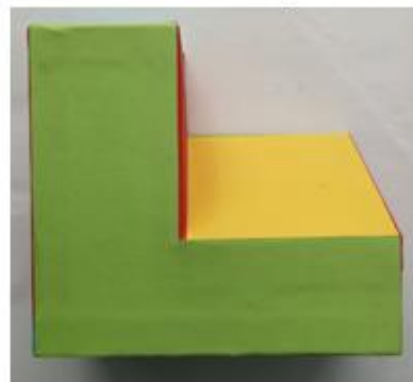




Iš priekio

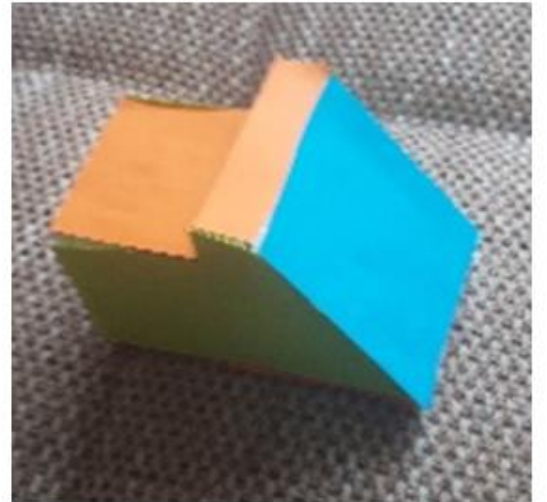


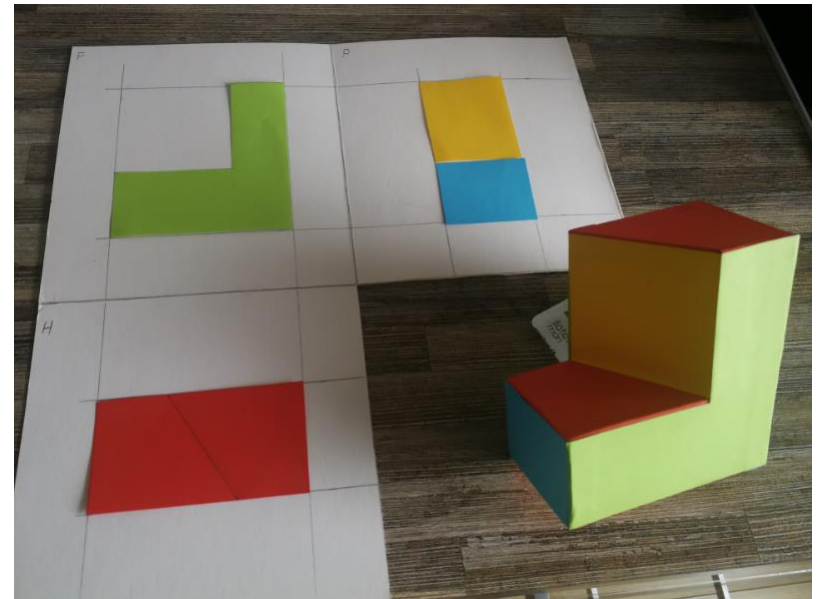
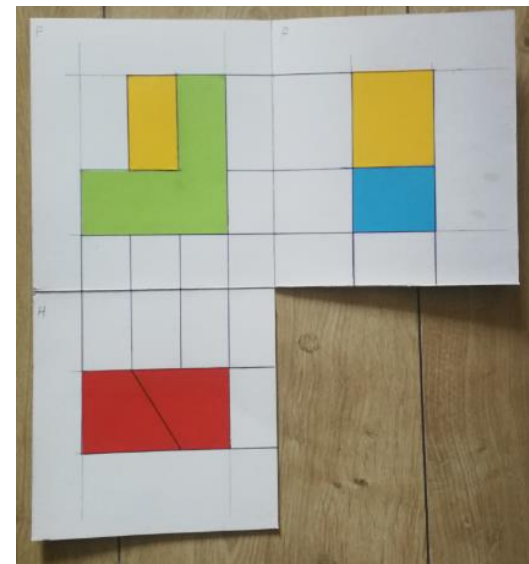
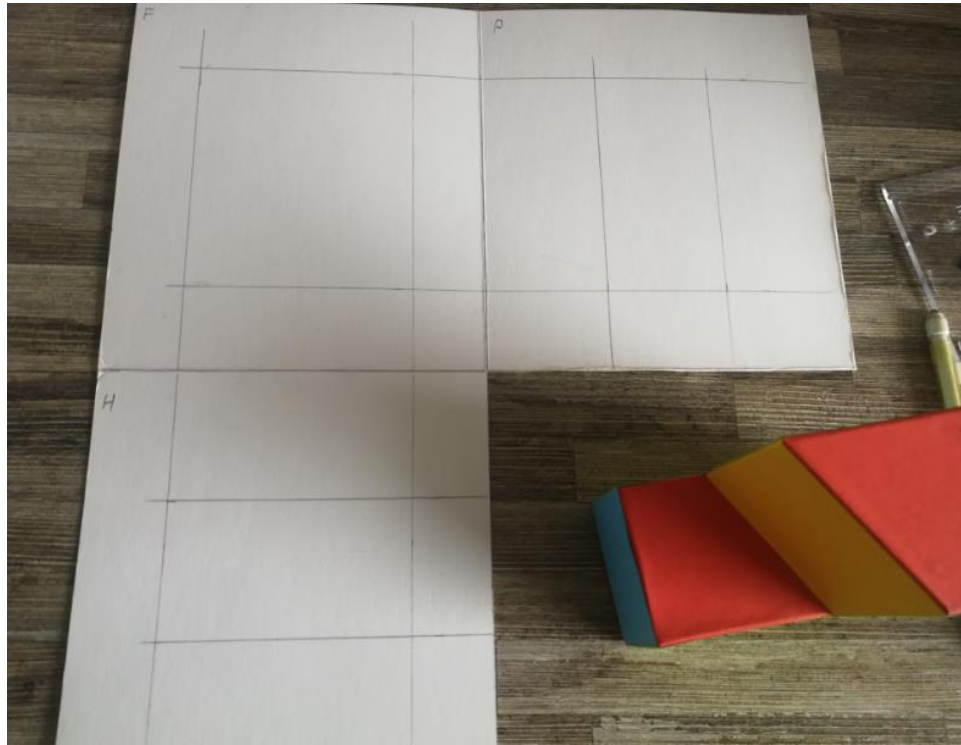
Iš kairiojo šono

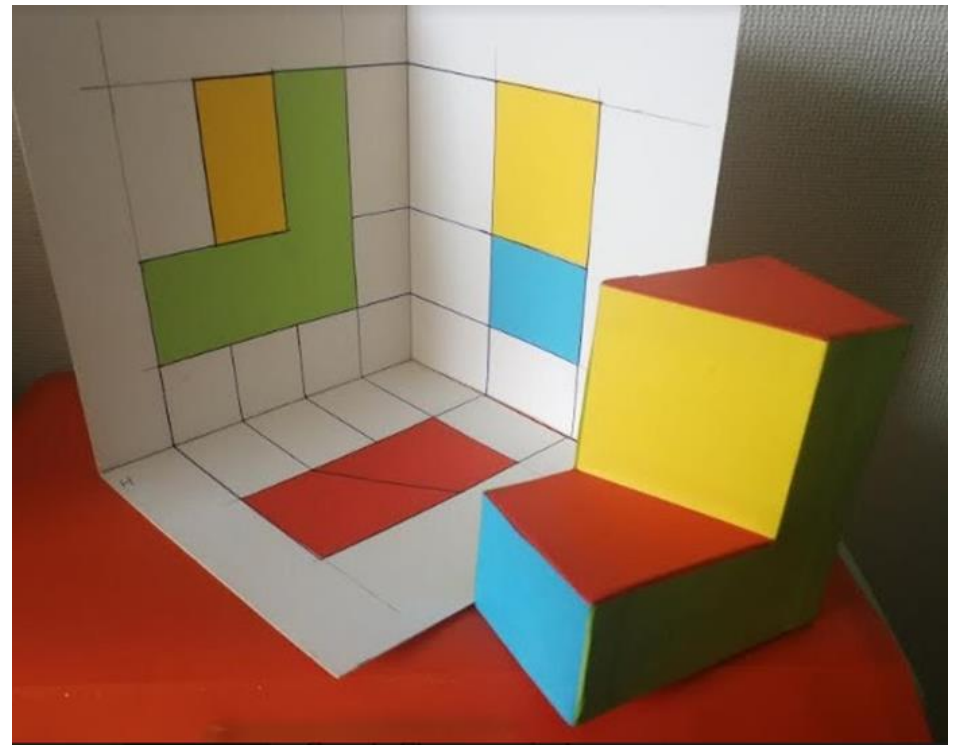
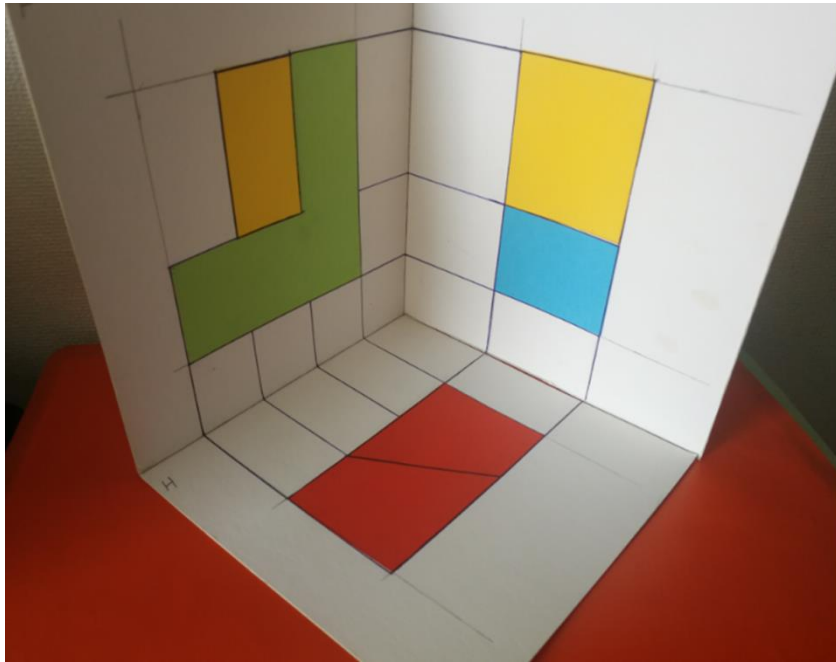


Iš viršaus









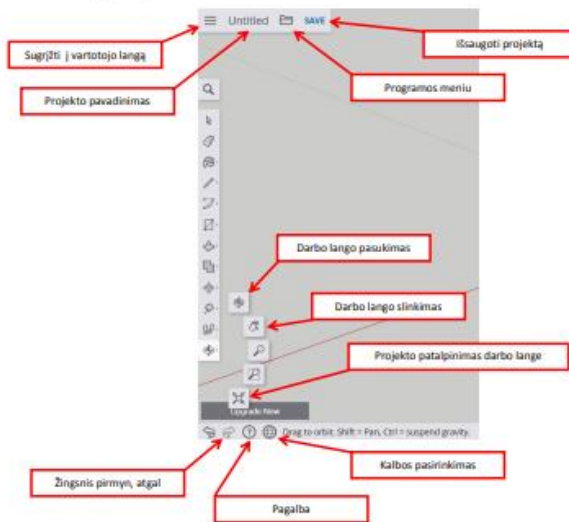
3. Vartotojo lango pasirinkimai



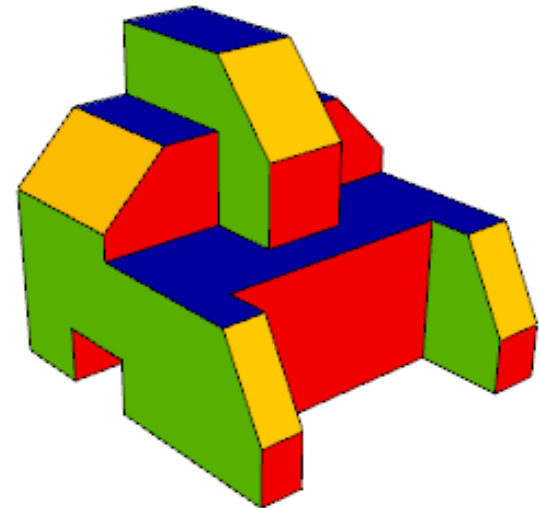
Create New – naujas projektas

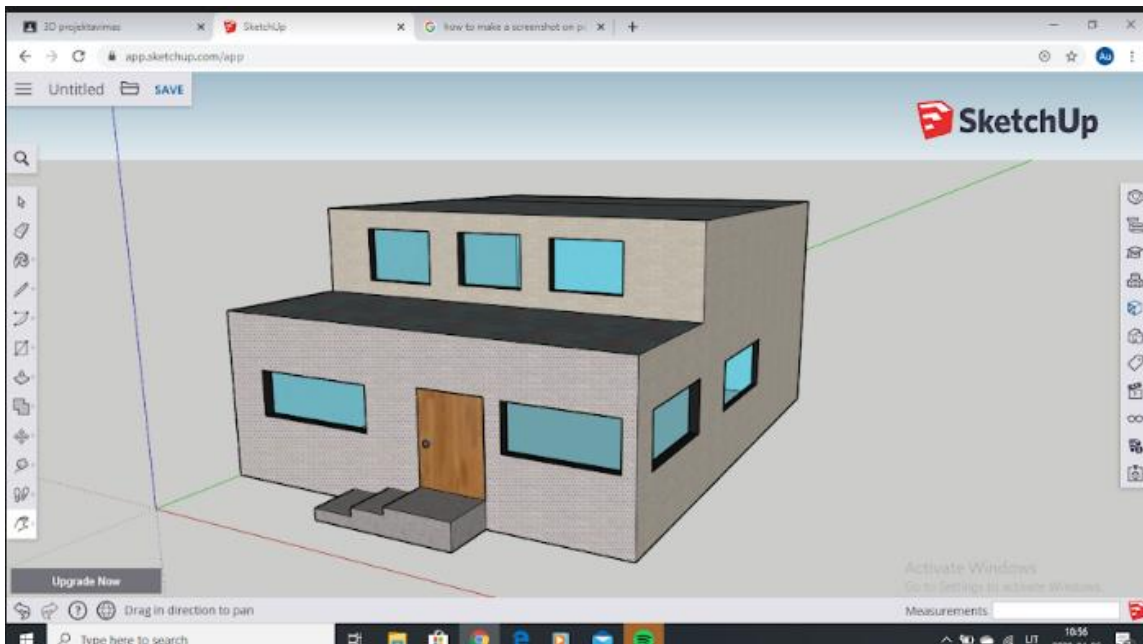
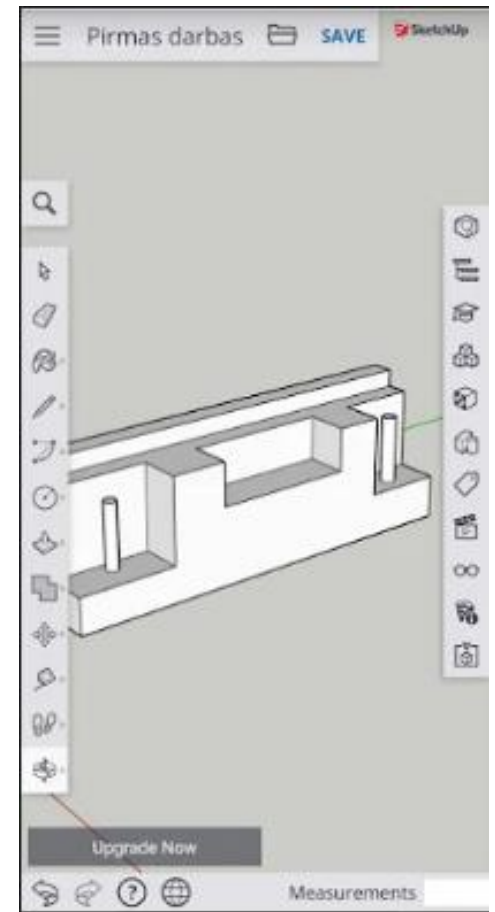
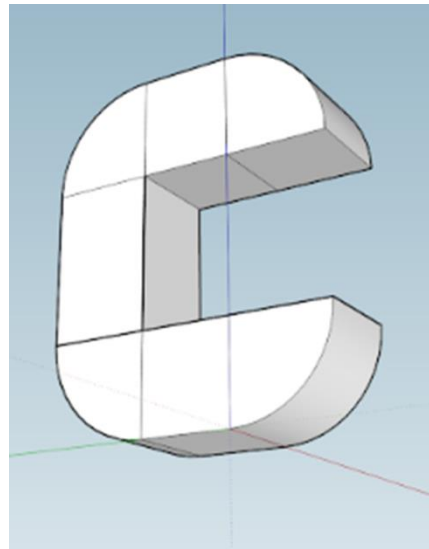
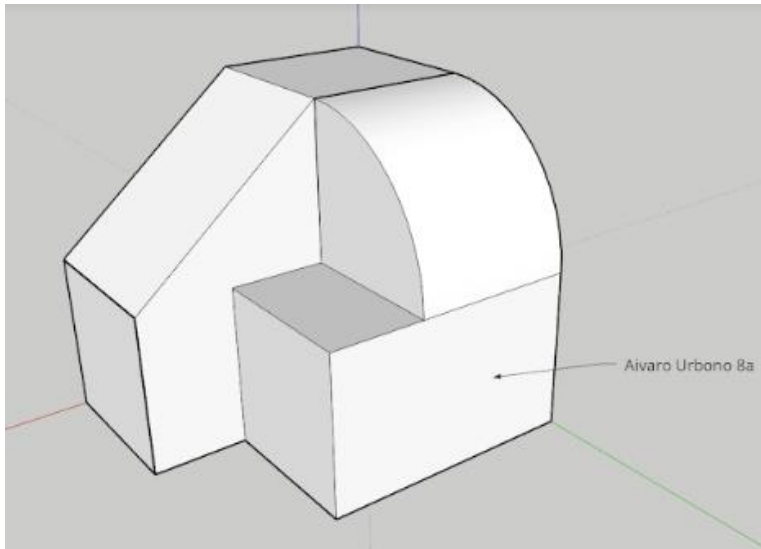
Open – atidaryti projektą iš kompiuterio arba iš „debesies“.

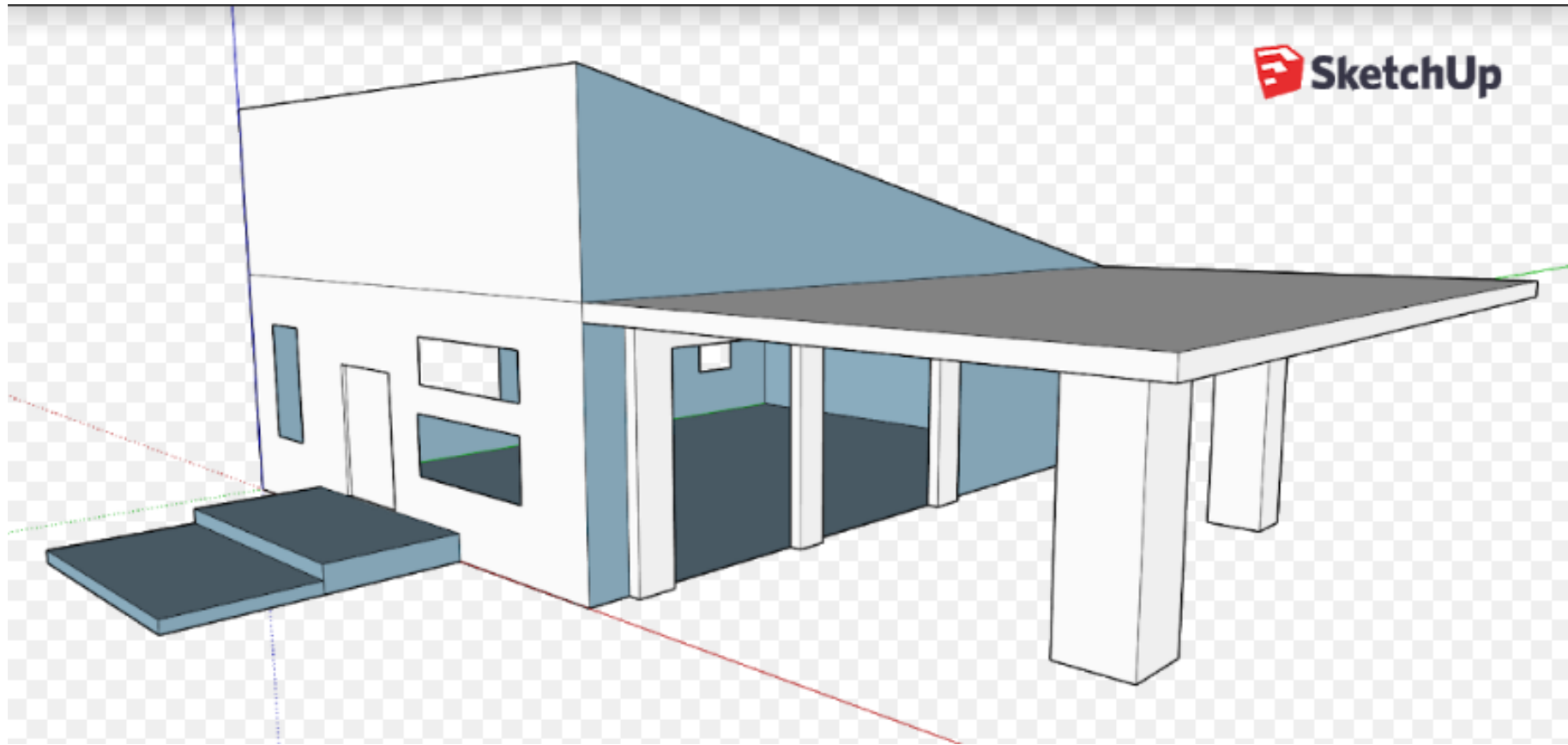
4. Pagrindiniai įrankiai



~ 2 ~







„Kai nebegalime pakeisti situacijos,
susiduriame su iššūkiu pakeisti save“

Dalai Lama