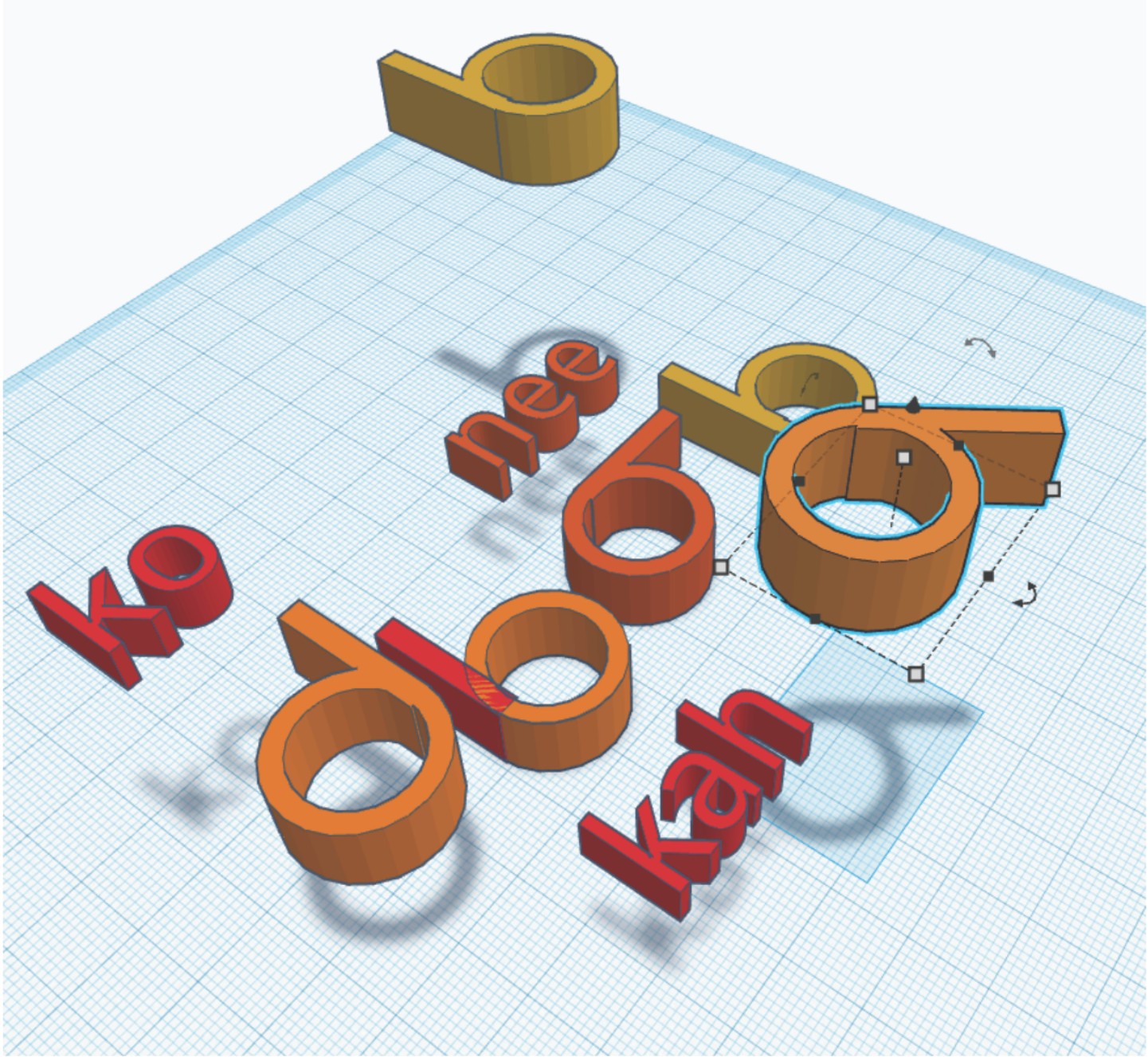


სტრუქტურა: გრაფიკა - ორგანიზაცია
ინჟინერები



ፅሁፍ ስም: ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ



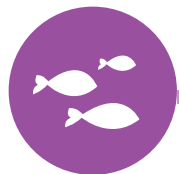
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ

ግብረሰብ (5) E1.5 ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ 180° ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ (6) E1.1 ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ (6) E1.2 ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ



ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ

ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ



ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ

Tinkercad.com - ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ
ግብረሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ ለሰብ



የግንባታ/የግንባታ/የግንባታ

ከግንባታ ለግንባታ ግንባታ ግንባታ
ግንባታ 1 - ግንባታ ግንባታ,
ግንባታ ግንባታ ግንባታ ግንባታ
ግንባታ 2 - Tinkercad ግንባታ ግንባታ
ግንባታ ግንባታ
ግንባታ 3 - ግንባታ ግንባታ ግንባታ
ግንባታ



የግንባታ/የግንባታ

ግንባታ ግንባታ ግንባታ
ግንባታ ግንባታ ግንባታ
ግንባታ ግንባታ
ግንባታ ግንባታ ግንባታ
ግንባታ ግንባታ ግንባታ
ግንባታ ግንባታ ግንባታ TA

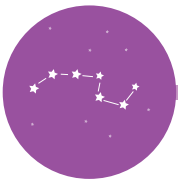


የግንባታ/የግንባታ ግንባታ

ግንባታ ግንባታ
(ግንባታ ግንባታ/ግንባታ ግንባታ ግንባታ)

የግንባታ ግንባታ:

- Tinkercad ግንባታ ግንባታ (የግንባታ ግንባታ ግንባታ)
- ግንባታ ግንባታ ግንባታ
- ግንባታ ግንባታ ግንባታ
- ግንባታ ግንባታ ግንባታ
- ግንባታ ግንባታ ግንባታ ግንባታ
- ግንባታ ግንባታ
- ግንባታ ግንባታ ግንባታ ግንባታ,
- ግንባታ ግንባታ ግንባታ ግንባታ
- ግንባታ ግንባታ ግንባታ ግንባታ
- ግንባታ ግንባታ ግንባታ ግንባታ ግንባታ
- ግንባታ ግንባታ ግንባታ ግንባታ ግንባታ



የየወለዳል/የዓርጋል ዓርጋሪ

ኛ የየወለዳል ስርዓት ለመገንባት የሚያስፈልገውን
 ልዩ ልዩ ስርዓት ለመገንባት የሚያስፈልገውን ስርዓት ለመገንባት
 ኛ ለመገንባት የሚያስፈልገውን ስርዓት ለመገንባት

ይህ የዓርጋል
 (የሰዓት/የሰዓት ስርዓት ይህ ዓርጋል)

ዓርጋል 1

ኛ የወለዳል ይህን ስርዓት ለመገንባት ስርዓት
 ለመገንባት ስርዓት ለመገንባት ስርዓት
 ኛ የወለዳል ስርዓት ለመገንባት ስርዓት
 የወለዳል ስርዓት ለመገንባት ስርዓት

ወለዳል ስርዓት (ሰዓት
 የወለዳል ስርዓት ለመገንባት ስርዓት
 የወለዳል ስርዓት)

ኛ

ወለዳል ስርዓት/ወለዳል
 ስርዓት

ኛ ስርዓት/ወለዳል

ወለዳል ስርዓት

ኛ 90 degrees

ኛ 180 degrees

ወለዳል ስርዓት

ኛ የወለዳል ስርዓት

ኛ የወለዳል ስርዓት (የወለዳል ስርዓት)

ወለዳል ስርዓት የወለዳል ስርዓት

የወለዳል ስርዓት

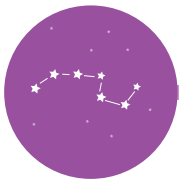
ወለዳል ስርዓት የወለዳል ስርዓት

የወለዳል ስርዓት ስርዓት

የወለዳል ስርዓት (ስርዓት)

የወለዳል ስርዓት b d p b

የወለዳል ስርዓት ስርዓት



የዎረዳው/የዓርገዳው ዓርገዳ

ከላይኛው የዓርገዳው ልማት
(የላይኛው ልማት ለዎረዳው ለማድረግ)

ዓርገዳው 2 (40 ርቀት/ሰዓት ለማድረግ)

ፎካል ስርዓት ለማድረግ ለማድረግ

TinkerCad

ፎካል የዎረዳው ስርዓት ለማድረግ

ፎካል ስርዓት ለማድረግ

ሌሎች ስርዓት ለማድረግ ለማድረግ

የዎረዳው ስርዓት

o የዎረዳው

o የላይኛው

o የሰዓት-ሰዓት

ፎካል ስርዓት ለማድረግ ለማድረግ

ላይኛው ስርዓት

o ስርዓት ለማድረግ

የሰዓት-ሰዓት

o ስርዓት ለማድረግ

ዓርገዳው ዓርገዳው

(ዓርገዳው የዎረዳው ስርዓት)

የዎረዳው ስርዓት ለማድረግ

የሰዓት-ሰዓት ስርዓት ለማድረግ

ላይኛው ስርዓት

ፎካል ስርዓት ለማድረግ ለማድረግ

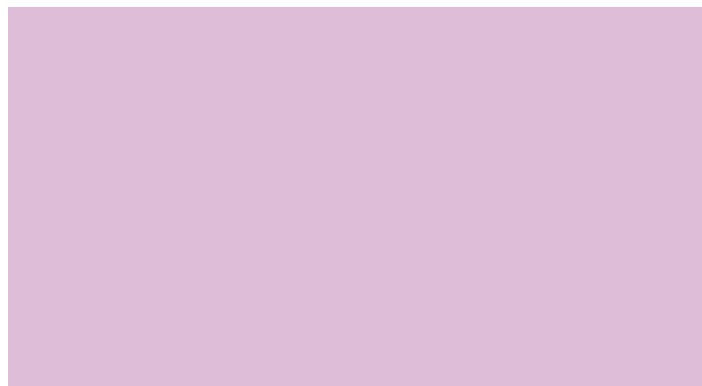
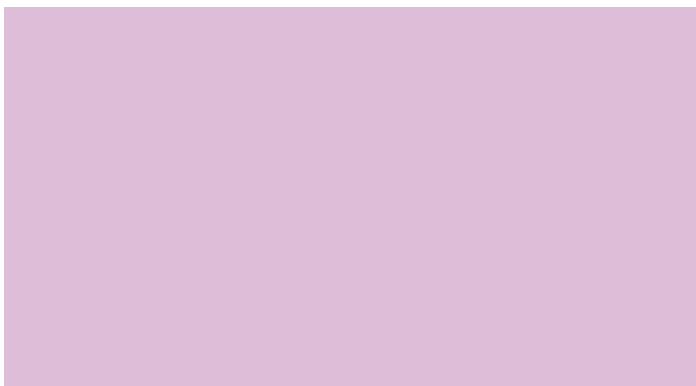
ላይኛው ስርዓት ለማድረግ

የሰዓት-ሰዓት ስርዓት ለማድረግ

ላይኛው ስርዓት ለማድረግ ለማድረግ

ላይኛው

ላይኛው ዓርገዳው





New to TinkerCad?

We selected TinkerCad software for this project as it's designed for a classroom environment. The software is web based so it will work on any recent student device (including iPads & Chromebooks).

Tinkercad is a free-of-charge, and easy to get your class setup with an email login. As a teacher you can monitor students work from one place. We have included some helpful links but recommend taking a few minutes to explore the software before starting the lesson with your students.

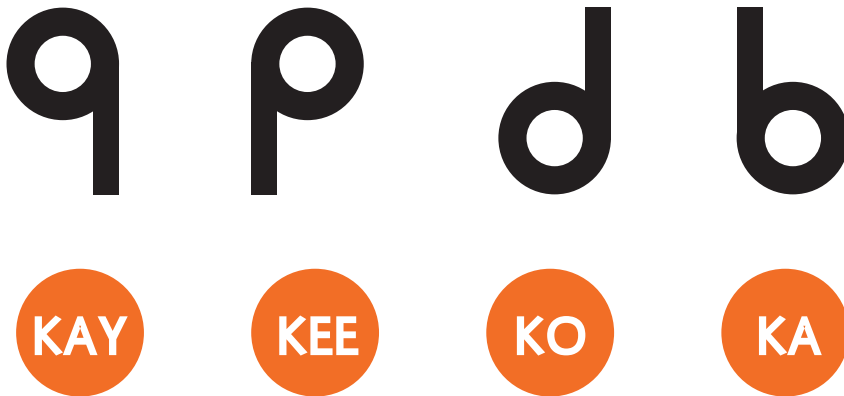
Students will use some navigation and basic tools for building this lesson. It is designed to be an entry level activity, but we recommend that learners had taken part in some of the tutorials on the TinkerCad student portal before beginning.

Link : <https://www.tinkercad.com/learn/designs?collectionId=OSZ5W2BL1W5N51Fv>

In this activity students can choose between two different design approaches to create syllabics in the TinkerCad software.

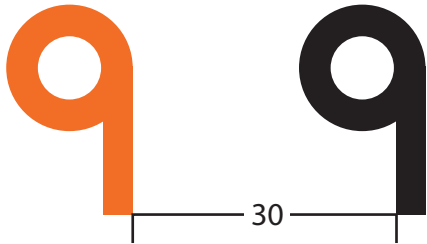
Encourage the learners to try both techniques before deciding on a method.

Oji-cree Syllabics Character with Roman Orthography



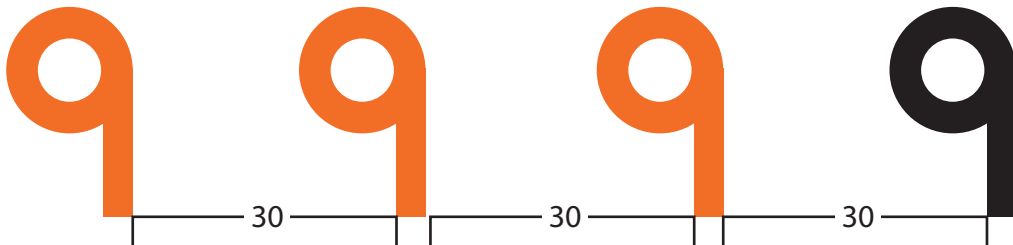


Translation



Draw your first option to the right while holding down the option key.

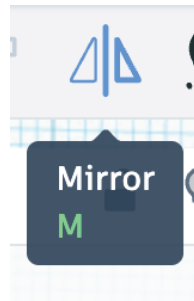
Complete this translation of 30 units to the right (repeat two more times)



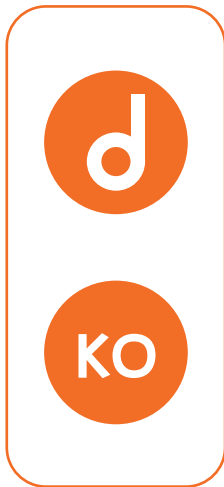
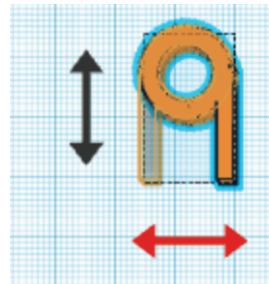
Students can practice the use of translations, rotations, and reflections to create their syllabics.



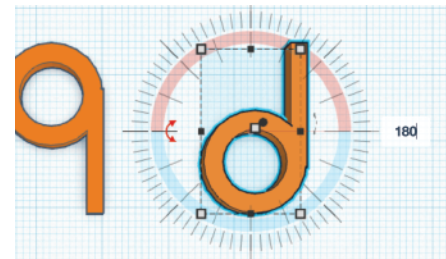
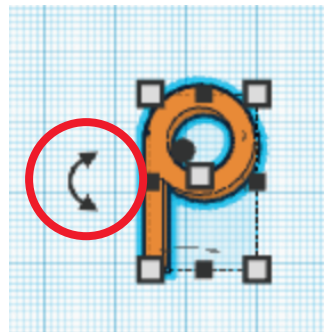
To create a **reflection**, students will need to select the the first shape and use the mirror tool



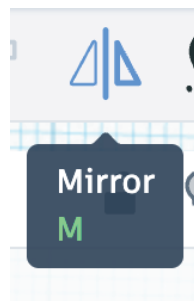
they will then have to choose the correct access for the object to reflect.



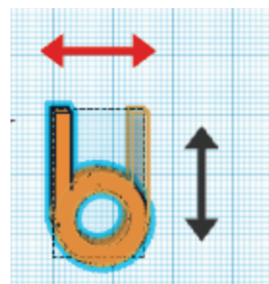
Select the shape and the **rotation** tool will appear. Rotate the "Ko" character 180 degrees



To create a reflection, students will need to select the the first shape and use the mirror tool



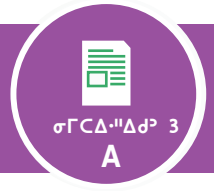
they will then have to choose the correct access for the object to reflect.



Name: _____

Date: _____

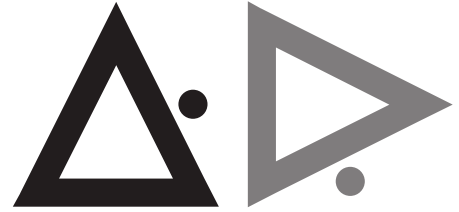
ΣΤΥΡΑΔ.: ΓΡΥΑΔ. - ΑΔ.ΛΔΥ
ΔσΣεVΛ"Δ9Δ.3



Translation

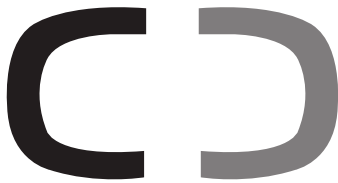


Réflexion



Rotation

Identify the following as reflection, rotation or translation













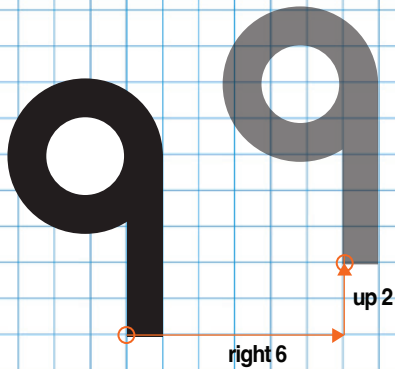
Name: _____

Date: _____

ՀԵՐԳՃԻ: ԴՐԴԳՃԻ - ԱՂՈՒԺԻՆ
ՎՏԴՁՎՈՒՄ ԴՐՃԻ



Translation - right 6, up 2

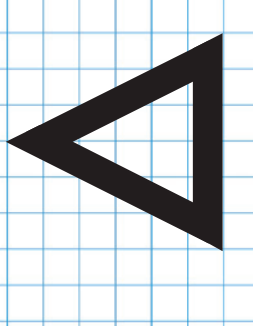


Réflexion

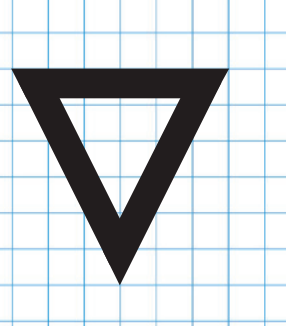
Translation - right 5, down 2



Réflexion



Rotation 90 degrees



Rotation 180 degrees

