

TEACHER

STUDENT

Create projects

Present projects to the class

Organize students in groups (4-5 students)

Students Support

Project Feedback

Project Example:
make a real dress

Groups decide on projects to work on

Groups begin projects

Identify Problem

Watch Khan Academy Video

Solve Problem

Mini Project Presentation

New Topic

Project Presentation

Present a small part of the project

e.g. Measurement

Relevant Math Concepts

- Measurement
- Ratios
- Decimals
- Fractions
- proportions

e.g. Proportions

Project Feedback

Assumptions

Lera's class size is 40.

Lera's classroom has at least 1 computer that has access to Khan Academy video via a remote hotspot. There is no internet connection, hence advanced features such as exercises and Dashboard are not available.

Lera spends 6 hours in school everyday. She does not have a computer at home.

Lera and her classmates are not familiar with project based learning concepts. Their benches and chairs are arranged in rows and lessons are in the form of lectures.

Lera's teacher has received training in project based learning and the use of Khan Academy and the Edu-Hotspot server. She has been provided with a toolkit for the implementation of the project which details the Khan Academy videos that students might use at each step of the project to assist the teacher in guiding the students to the best videos for their needs.