Introducing an Education in Elementary School that Respects Individuality
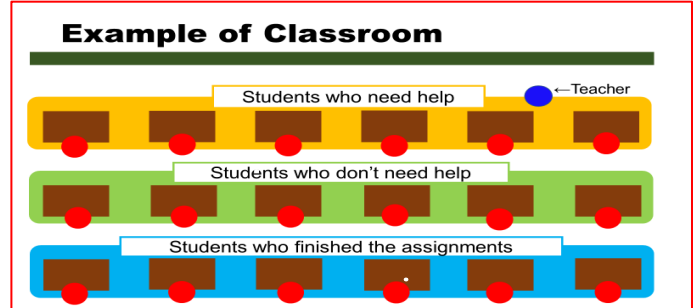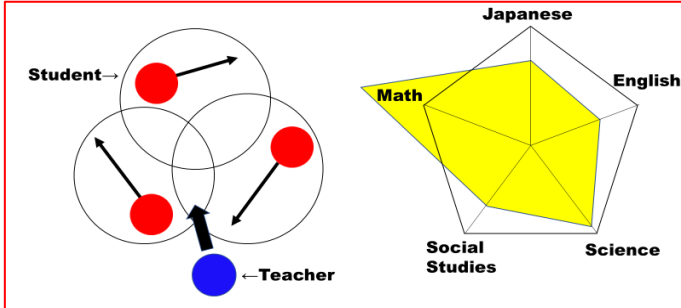
Kyoto Municipal Saikyo High School   **Taguchi Mana**   **Minamide Nagomi**

GOAL   New System

Example of Classroom

Students can develop their ability in the fields that they are good at and an focus on what they want to do, while every student finish curriculum.

Lessons of this Week
- Math: Lesson 5 – 10
- Japanese: Lesson 5 – 10
- English: Lesson 4 – 6
- Science: Lesson 3 - 5
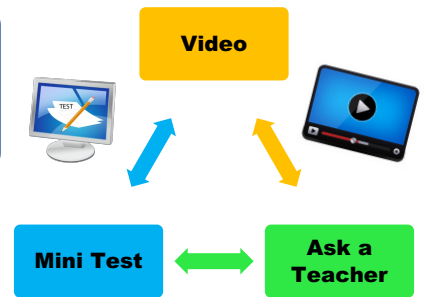- Social Studies: Lesson 3,4

- Every student works hard to finish the assignments of the week.
- They can progress in each subject at their own pace in each class.

Advantages
- Progress at their own pace.
- Avoid wasting time.
- The learning activity history database makes it easy for each student to know his/her weak points and to review it in a long vacation.
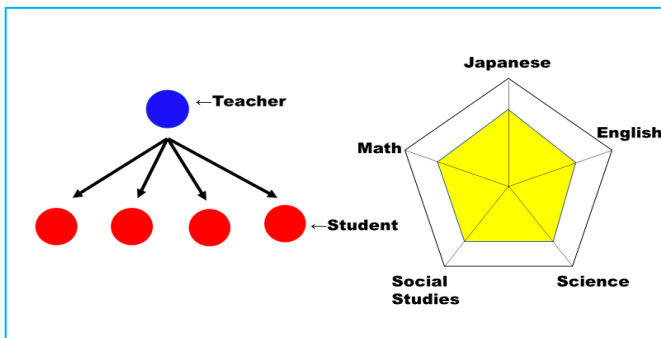- Students can learn regardless of financial problems

Disadvantages
- It may cost a lot to make the other assignments like a video.
- Some students may not finish the assignments of the week because of the amount of work.
- Some students may not know what they should do in their free time after they finish the assignments of the week.

Video

Mini Test   ←→   Ask a Teacher

After they have finished the assignments of the week···
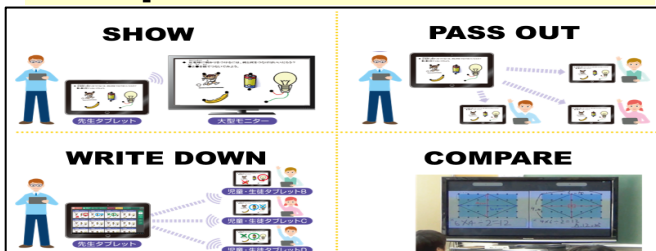Students can do whatever they want to.

NOW

Research Background
- According to the results of PISA from year 2003 to 2012, there is no other country with the same scale of population, that is in a relatively higher position than Japan. (NIEPR 2015)
- This indicates that in Japan "everyone has been educated equally" and "everyone has been educated at the same level."
- However, there is a wide variation in students' academic performance.
- Those in the higher rank in the academic performance are basically from such upper income group that they can afford higher education opportunity out of schools.
- Education level of each student keeps being reproduced by parents' financial status, so that there will be a risk of students' education gap getting wider.(Kariya 2012, Oxford University)
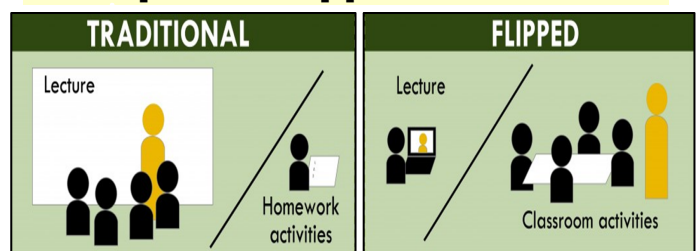
Example.1 "Screen Education"

Advantages
- Increase motivation for learning
- Increase information literacy
- Accelerate communication
- Help students understand well

Disadvantages
- Lack of technological ability
- Uncertainty of the students' retention rate
- Cost
- No chance to see students' facial expression

Example.2 "Flipped Classroom"

Advantages
- More time to answer students questions
- Improve students' problem solving skills
- Easy to review lessons
- Skip watching videos

Disadvantages
- Contents of Video
- Internet connection
- Cost
- Motivation