

## Programming-ed. plan

Programming education will be started since 2020 by elementary national standard curriculum.

Now all elementary school makes curriculum about programming education.

I sometimes talks with elementary school teachers and super visors.

Most of them say “I don’t know what shall do” or “Making curriculum is too difficult.”

I watched their working, they make plans form small unit.

I think their process is wrong!

I think they must decide or make aim of programming education.

They must work from TOP to BOTTOM and make A4 size 1 paper plan.

The plan that I image,

○△ elementary school programming education

Goal: The pupils can think subjects with use rules

Experience: once or twice

Making games with use PC at the 5<sup>th</sup> grade on general education.

If there are robots, the operation of robot is on 3<sup>rd</sup> or 4<sup>th</sup> grade on general education.

Teaching plan:

1<sup>st</sup> grade: The map “Let’s go to school What route do you use ? ” at Life environment study

2<sup>nd</sup> grade: The multiplication table at mathematics

3<sup>rd</sup> grade: Go straight and turn right at English activity

4<sup>th</sup> grade: Volume relation at mathematics (Fomula)

5<sup>th</sup> grade: Experience of programing with use PC at general education

Polygon at mathematics

6<sup>th</sup> grade: Electricity at science

Estimation: Depended on the estimation of each classes

How do you feel about this?