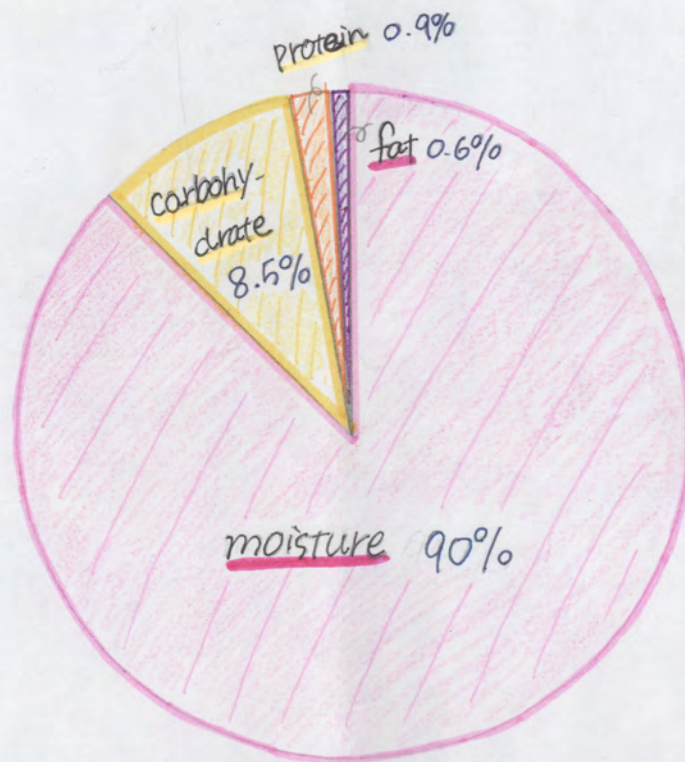


Strawberry's special breeding method.

The strawberry can be made when pollen from stamen is put onto pistil. But it is a little different from other fruits. The part of the fruit of strawberries is called flower-bark, actually the seed is attached to the outside. When strawberries leaves descendant, it ripens and becomes red to spread the seed for. And they have a bird and an animal eat themselves, and the seeds are carried far and widely.

Strawberry of nutritional value

- ★ energy
- ★ carbohydrate
- ★ protein
- ★ sugar
- ★ fat
- ★ dietary fiber



Ecology and cultivation of Strawberries

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~ Member ~

Purpose

- We wanted to make good use of our life from growing strawberry eating them and so on.
- We want to know more about strawberries and we want to change people's way of eating strawberries in the future.

Hypothesis

1. Probably the strawberry become red by chemical reaction.
2. Probably it changes its taste by environment and gene.
3. Probably we can make good use of it because fruit is the color red.

METHOD?

1. What is strawberry?

Plantae

angiosperms

eudicots

Rosales

Rosaceae

Rosoideae

Fragaria

Fragaria x ananassa



2. strawberry color change!

Strawberries have colored pigment which is called anthocyanin, they are changed red and blue by anthocyanin's nature. Anthocyanin will be acidity to red and alkalinity to blue.

Strawberry on the way to growth are green because chloroplasts are in ecology.

3. what is Blue strawberry?

This strawberry was artificially made by genetic recombination of research. Some kinds of Flounder living in the North Pole, make substances to prevent themselves from freezing. The scientists who found characteristics into a strawberry inject only this Antifreeze gene into a strawberry. This is how "Blue strawberry" was made.