

The forming of a plain by the function of the effluent

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As for this releasing, based on the practice about the class of unit the function of the water to flow through of the fifth grade of an elementary school, the child is the one to have clarified the process of understanding how the effluent forms a plain.

There were a lot of children who aren't doing the experience to go never out to the shore of the river and to set foot into the river.

Therefore, it took out children to the flood plain and it began a class from the place learning to make experience of what one the state of the shore of the river and the flow of the river were.

It made have a problem, it organized a group, it made think of the way and the investigation equipment of the investigation about what thing it wanted to examine there before going out and it was about to prepare them out.

It set the flow of the class to original as follows in the place learning .

The appearance of the flow of 1, the Tama river

Make observe the flow of the river from the source to the estuary and the state of the flood plain while seeing a slide photograph and it makes be conscious of the problem.

When 2, the Tama river rise

It is caused in the rise.

It made imagine that water on the river increased and to be caused in it.

It makes think of erosion on the upland and the state of the discharge of the gravel based on the image.

The Tama river after 3, the rise

How does the Tama river after the rise become?

It makes think of the state of the carriage of the pellet and the accumulation while seeing an image.

It makes a key think of the landform in the state of 4, the alluvial fan forming.

It makes think from the state of the Tama river to go out to the plain from the upland.

Ome's alluvial fan landform

5, the meander through the river and the change of the style route

The river meanders and is flowing from the high place to the low place, but with the rise, the meander becomes deep with erosion on the attack surface in the meander part, it rides over the flow finally and a new style route is formed.

It makes notice that the accumulation surface of the gravel changes because the style route changes.

The recentness and its handling a disaster by the flood inside slope's collapsing by the upland and in the plain

The change of 6, the river inclination and the pellet diameter

A curve having to do with a style on the Tama river is shown, it observes the change of the pellet diameter in each place and it makes think of the strength of the flow of the effluent and the relation of the carriage of the pellet, the accumulation.

The accumulation of 7, mud in the estuary, the forming and the expansion of the delta

The pellet is broken, and becomes silt, clay and arrives at the estuary, and reclaims an estuary and forms a going delta.

It gathers a state of 8, Tama river low land's being made.

It gathers that the gravel of the upland accumulated to the low land to the basis and that the river formed low land in the learning so far.

It begins to examine 9, an upland, a river and a plain from the atlas.

The alluvial low land in Japan makes think of being formed by the gravel which was carried by the river from the upland.

After this learning, water on the river showed the hold waterpower of the forest in the mountains from the child with the question why it doesn't get not to be presented.

The way of getting off rain told and ended that it handled by the learning of cloud and the weather