



# Let's Make Fossil Replica



## Making replica of real fossil using dental molding agent



**Point**

**Make the model with dental alginate impression material**



**Prepare**



- Dental alginate impression material (15g)
- Gypsum powder (plaster)(30g)
- Disposable wooden chop stick
- Styrofoam bowl      •Water(40g, 20g)
- Paper cup (Small size)
- Fossil such as shellfish fossil      •Silicon spray (lubricant)



※You need to spray silicon spray or water on fossil or shell.

## \*Making the shape\*

- 1 Put the water (40g) and dental alginate impression material (15g) into the paper cup. Then, mix quickly using disposable wooden chop stick for 30 seconds.



- 2 Put the fossil in the paper cup quickly and push it using your finger.



Face down the part you want to replicate

- 3 After 1~2minutes, remove the hardened dental molding agent from the paper cup and take out the fossil.



- 4 Return the hardened dental molding agent into the paper cup without the fossil.



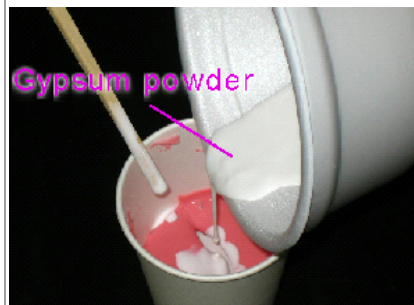
## ✿ Making replica ✿

1 Pour water (20g) and put gypsum powder (30g) in the styrofoam bowl and wait for a minute.



2 Mix gypsum solution.

3 Pour the gypsum mixture into the hardened dental alginate impression material.



4 After gypsum harden, remove the molding material and remove the replica.

## ✿ Progress ✿

Observe the real fossil, color the replica with colored paint. (Imagine the color of fossil)

### 💡 Information

- ✦ When the fossil has been buried, you should slice the dental alginate impression material thinly from the top. It's ok to crumble it a little.
- ✦ You can ask the dentist where you can buy the dental molding agent.

