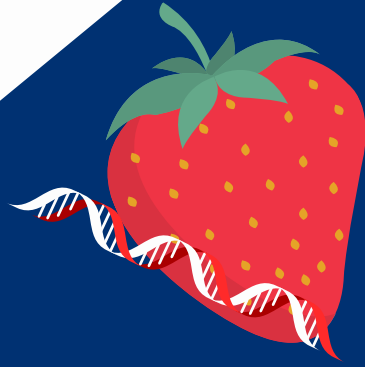


# Materials

- Strawberries
- Ziplock bag
- Dish detergent
- Salt
- Water
- 2x plastic cups
- Cold rubbing alcohol
- Coffee filter
- Toothpick



# STRAWBERRY DNA EXTRACTION

**Gently smash strawberry  
in a ziplock bag for 2  
minutes**

**1**

**Add plastic cup contents  
to strawberry bag**

**3**

**Place coffee filter over  
second plastic cup and  
pour strawberry mash into  
filter. Squeeze mash  
through filter into cup**

**5**

**Within a few seconds  
watch for the  
development of a cloudy  
white substand (DNA!)  
ontop of the strawberry  
mash. Use a toothpick to  
spool the DNA!**

**7**

**2**

**In 1 plastic cup add 2 tsp  
of dish detergent + 1 tsp  
salt + 1/2 cup water**

**4**

**Gently smash together  
for 1 more minute**

**6**

**Pour cold rubbing  
alcohol down side of  
cup so it sits separated  
above the mash. DO NOT  
MIX!**

