

# Parent Guide: Extracting DNA, Building DNA, and Photos

1. Strawberry DNA Extraction
2. Make Your Own Double Helix
3. Photo Activity (6 Part Activity)

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## Strawberry DNA Extraction

Science of a strawberry!

### Supplies Needed:

- 1 strawberry
- water
- dish soap
- ice cold rubbing alcohol
- mesh strainer
- cup / small container
- slim straight edged container (test tube, small vase, etc...)
- funnel, skewer
- 1 zipper locking bag
- contact lens solution OR meat tenderizer OR pineapple juice
- optional: container to keep the DNA in

Join us on our Facebook page for instructions!

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## Make Your Own Double Helix

Build the patterns of our DNA!

### Supplies Needed:

- gummy fruit snacks (or other soft/similar items: colored marshmallows, etc...)
- tooth picks

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## Photo Activity (Day 1 of 6)

Use a digital camera (or cell phone with a camera). Each morning choose a theme for the day. Take 10 photos related to that theme as you go about your day. Save each day's photos to a unique folder on your computer titled with the theme for the day. Arrange the photos into a collage and study them to see if you can find themes, connections, patterns, or shared characteristics.