Learning Objectives: Students learn about DNA, cell structure, and basic chemical separations.

SNEAK PEAK inside …

ACTIVITY
Students extract DNA from strawberries.

STUDENT SUPPLIES
see next page for more supplies
strawberries
sealing plastic bags
dish soap,
salt,
meat tenderizer
isopropyl alcohol, etc....

ADVANCE PREPARATION
see next page for more details
dilute soap
mix soap and salt together, etc....

OPTIONAL EXTRAS
DEMONSTRATION
Modeling the Procedure (p. C - 22)

EXTENSIONS
Animal DNA (p. C - 29)
Other DNA Sources (p. C - 30)

TIME REQUIRED

<table>
<thead>
<tr>
<th>Advance Preparation</th>
<th>Set Up</th>
<th>Activity</th>
<th>Clean Up</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 minutes the day before</td>
<td>15 minutes</td>
<td>20 minutes</td>
<td>15 minutes</td>
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