Technology: Shaping Our World

Chapter 16 Learning from the Past, Predicting the Future

Tools:
● Printer (color optional)
● 4 sheets of 8.5” x 11” paper
● Scissors

Directions:
1. Print
2. Fold paper in half vertically
3. Cut along dashed lines

These instructions accompany the interactive E-Flash Cards online at www.g-wlearning.com
<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>biometrics</td>
<td>A security technology that uses a characteristic of your body to identify you, including fingerprints, voice, retina, face, and even body odors.</td>
</tr>
<tr>
<td>cloning</td>
<td>A process of growing an identical individual from a single somatic cell using asexual reproduction.</td>
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<tr>
<td>downstream</td>
<td>A type of effect that occurs when chemicals wash into the environment and into organisms.</td>
</tr>
<tr>
<td>genetic engineering</td>
<td>A technology used to alter the genetic material of living cells.</td>
</tr>
</tbody>
</table>
green chemistry

The relatively new branch of industry considering the long-term impacts of new chemicals.

nanobot

A very tiny robot; part of a new developing technology.

pollution

The presence of dangerous or unwanted materials in the air, water supply, or other areas of the environment.

upstream

A type of effect that appears in factories and homes when industry and individuals use chemicals.
wearable

A computer that one wears that consists of cameras, monitors, and microphones.