

### TBLM Mod.1.3a#1: Discovery Examples

Recent discoveries may not be easy for students to identify, yet newspapers and information magazines regularly mention discoveries and often feature significant ones.

<b>Examples of Discoveries</b>	
<b>Types of Discoveries</b>	<b>Examples</b>
<b>Archaeological Discoveries</b>	<ul style="list-style-type: none"> <li>• tomb of King Tut (Egyptian pharaoh Tutankhamen)</li> <li>• dinosaur bones in Alberta or the Gobi Desert</li> <li>• bison bones from hunt near Ninette, Manitoba</li> <li>• First Nations, Inuit, and Métis sites</li> <li>• the temple of the queen of Sheba</li> <li>• the bones of Peking Man</li> <li>• Ice Man of the Alps</li> <li>• Bog Man of England</li> </ul>
<b>Medical Discoveries</b>	<ul style="list-style-type: none"> <li>• the gene for cystic fibrosis</li> <li>• penicillin</li> <li>• Aboriginal traditional medicines (e.g., willow bark as analgesic)</li> <li>• insulin</li> <li>• vaccines for a variety of diseases</li> <li>• the gene sequences in the human genome</li> </ul>
<b>Astronomical Discoveries</b>	<ul style="list-style-type: none"> <li>• a new planet (e.g., Pluto in 1930)</li> <li>• comets</li> <li>• asteroids</li> <li>• moons of planets</li> <li>• black holes</li> <li>• galaxies</li> </ul>
<b>Chemical Discoveries</b>	<ul style="list-style-type: none"> <li>• a new chemical compound</li> <li>• glue for self-adhesive note paper</li> <li>• natural gas in Leduc, Alberta</li> <li>• radioactivity</li> <li>• diamond deposits in northern Manitoba</li> </ul>
<b>Mathematical Discoveries</b>	<ul style="list-style-type: none"> <li>• the concept of zero was discovered separately by Babylonians, Mayas, and Hindus</li> <li>• modern algebra was based on theories of Évariste Galois</li> <li>• Pythagoras describes the relationships in right angle triangles</li> </ul>
<b>Other Discoveries</b>	<ul style="list-style-type: none"> <li>• new plant and animal life in the Amazon forest</li> <li>• new animal life in the deep ocean (e.g., a new species of shark off the coast of Columbia)</li> </ul>