

## **4. Slovakia – Hydrological patterns 2**

### **Lakes**

- the most common in mountains
- majority in the High Tatras – *tarns* created by glaciers

*Glacial lakes:* .....

### **Water Reservoirs**

- *mining reservoirs* around Banská Štiavnica (Počúvadlo)

*Give 2 examples of raw materials which were extracted the most from this area in the past:* .....

- *recreational purposes* (Senecké jazera, Slnecné lake, Šaštínske lakes, Zelená voda lake near to NM)
- reservoirs for *energy generation*: Hrušovská reservoir near Gabčíkovo, 19 reservoirs on the Váh river (Liptovská Mara, Vodné dielo Žilina, Hričov, Nosice, Madunice, Sĺňava, Kráľová, etc.)

*Match the following dams to these rivers:* Oravská, Ružín, Domaša, Zemplínska šírava, Starina, Palcianská Maša

Rivers: Hornád, Hnilec, Orava, Váh, Cirocha, Ondava

### **Underground Water**

- non-renewable supply of freshwater, it depends on geological and water sources (precipitation, rivers)
- deeper stored groundwater = the greater amount of contained minerals

### **Mineral and Thermal water**

- on the surface it outgoing along geological disruptions

*What is the usage of naturally warm (thermal) waters?*

- thermal springs primarily in the Podunajská lowland = recreational resorts  
*Examples:* Patince, Štúrovo, Dunajská Streda, Veľký Meder, Sládkovičovo, Podhájska

*Give 3 examples of mineral waters in our country:* .....

*Give 3 examples of spas:* .....

*Have you ever been to such place in Slovakia? How did you like it? Why?*

### **Water Purity**

- it's a current problem => *Which human activities pollute water the most? Why is it so?*

- the most polluted rivers are Dudváh, Hornád, Torysa, Topľa, Poprad, Nitra

- areas located near cities and large factories are hit the most seriously =>

*Examples:* .....

- underground waters also polluted, our largest reservoir of drinking water is endangered too (.....)

*What can we do with such pollution? Give 3 suggestions.*

### **Keywords**

tarn, glacial lake, reservoir, mining, recreation, energy production, underground water, map, pollutions, spa, spring, warmth, pollutant,