

Geography 12

Rivers Mind Map Instructions

- Organize the terms and items below into logical groupings with headings and where appropriate subheadings.
- Each term must include a point form description or definition.
- The good copy of your mind map must be at least one poster board in size (i.e. 56cm by 70 cm) but no more than two poster boards in size.
- You need to include at least five hand drawn images on your Mind Map relating to features in the unit. They must be hand drawn as this is good practice for the government exam where you will likely be asked to draw a physical feature.
- Type out your information to paste onto the Mind Map.

Content

- youthful river* _____
- mature river* _____
- old river* _____

(*include characteristics, landforms, and uses to humans)

- rejuvenated river _____
- river terrace _____
- intermittent streams _____
- river basin / drainage basin _____
- divide / watershed _____
- river basin management _____
- trellis drainage _____
- dendritic drainage _____
- radial drainage _____
- abrasion _____
- attrition _____
- corrosion _____
- hydraulic pressure _____
- suspension _____
- solution _____
- saltation _____
- vertical erosion _____
- headward erosion _____
- lateral erosion _____
- potholes _____

- **rapids** _____
- **braiding / braided stream** _____
- **meander** _____
- **floodplain** _____
- **alluvium** _____
- **levee** _____
- **slip off slope / point bar** _____
- **oxbow lake** _____
- **base level** _____
- **delta** _____
- **arcuate delta** _____
- **bird's foot delta** _____
- **estuarine delta** _____
- **cuspate delta** _____
- **distributaries** _____
- **hydrologic cycle / water cycle** _____
- **the effects of clearcutting on a river's variables** _____
- **the effects of hydro dams on a river's variables** _____
- **advantages of hydro dams** _____
- **disadvantages of hydro dams** _____

Marking Criteria

Content (20 marks)

- Accurate point form descriptions and definitions for each term / item

Neatness (20 marks)

- Logical groupings of items with headings and where appropriate subheadings
- At least five hand drawn images relating to features in the unit
- Typed information
- Visually attractive
- Correct size

Total: 40 marks