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| Task:    Time:  Deadline: | Create a revision activity for a partner to complete. This should cover topics in the ‘*Challenge of natural hazards*’ unit.  This project is worth two weeks homework. You should spend at least two to three hours on it. | **Make people THINK!**  Use a range of activities in your work   1. A card sort, (e.g. cause, effect/impact and response 2. A gap fill 3. Multiple choice quizzes 4. Labelled diagrams 5. Heads and tails to match key terms to definitions 6. True/false questions 7. A dominoes game |

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| **Have you included?** |

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| Changes in the long profile of a river |  |
| Changes in the long profile of a river valley |  |
| Changes in the channel cross section along the long profile of a river |  |
| Fluvial processes – erosion: hydraulic action, abrasion, attrition and solution |  |
| Fluvial processes – vertical and lateral erosion |  |
| Fluvial processes – transportation: traction, saltation, suspension and solution |  |
| Fluvial processes – deposition: why rivers deposit sediment. |  |
| Landforms resulting from erosion: interlocking spurs, waterfalls and gorges |  |
| Landforms resulting from erosion and deposition: meanders and ox-bow lakes |  |
| Landforms resulting from deposition: levees, flood plains and estuaries |  |
| An **example of** a river valley in the UK to identify its major landforms of erosion and deposition |  |
| How physical and human factors increase the flood risk: precipitation, geology, relief and land use |  |
| The use of hydrographs to show the relationship between precipitation and discharge |  |
| The costs and benefits of these hard engineering management strategies: dams and reservoirs, straightening, embankments, flood relief channels |  |
| The costs and benefits of these soft engineering management strategies: flood warnings and preparation and flood plain zoning |  |
| A case study of a flood management scheme in the UK to show: |  |
| * why the scheme was required |  |
| * the measures taken |  |
| * the social, economic and environmental issues involved |  |

**Websites you might find useful:**

[www.aqa.org.uk/subjects/geography/gcse/geography-8035/assessment-resources](http://www.aqa.org.uk/subjects/geography/gcse/geography-8035/assessment-resources)

[www.bbc.co.uk/schools/gcsebitesize/geography/water\_rivers/](http://www.bbc.co.uk/schools/gcsebitesize/geography/water_rivers/)

[www.s-cool.co.uk/gcse/geography/rivers/revise-it/river-features](http://www.s-cool.co.uk/gcse/geography/rivers/revise-it/river-features)

[coolgeography.co.uk/GCSE/AQA/Water%20on%20the%20Land/Water%20on%20the%20land.htm](http://coolgeography.co.uk/GCSE/AQA/Water%20on%20the%20Land/Water%20on%20the%20land.htm)