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| **IBDP Geography – River Form & Velocity** |



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| Watch the video embedded on ibgeographypods and take basic notes from the sections on velocity, slope and discharge. |
| Factor | How it affects the flow / discharge of the river |
| Gradient |  |
| Discharge |  |
| Channel Shape |  |

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| Waugh – Integrated Approach P.68. Define the two types of flow within a river |
| Laminar Flow |  |
| Turbulent Flow |  |

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| Waugh – Integrated Approach P.68. Draw a sketch to show the features of both laminar and turbulent flow.  |
| **Laminar Flow** | **Turbulent Flow** |
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| Waugh – Integrated Approach P.68. What is the relationship between velocity and turbulence and how does this impact on the transportation of the rivers load?  |
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| **The velocity of a river is influenced by three main factors** |

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| 1. Channel Shape & Cross Section (Waugh – Integrated Approach P.69)
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| Draw it!  |
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| Explain it!  |
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| 1. Roughness of the channel’s bed and banks (Waugh – Integrated Approach P.70)
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| Draw it!  |
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| Explain it!  |
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| 1. Channel Slope (Waugh – Integrated Approach P.70)
 |
| Draw it!  |
|  |
| Explain it!  |
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