**Settlement and communications Key Words**

**Our First Settlers**

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| Water Source- River/ lake | Food- Fish/ River/ sea/ lake | Defence- celts/ hills/ crannogs | Communication- transport/ rivers |
| 9000 Years- Land Bridge | Mesolithic/ Neolithic/ Celts | Monastic Settlement- Christianity/ Remote/ Refuge/ education/ religion/ “Cill” “Kill” | Viking Settlement-800AD- Coastline- “Ford”- Wexford |
| Norman- 12C Century- Castle/ River/ bridging point | Plantations- 17c- portarlington/ diamond/ market | Linear Settlement- Line/ Routeway/ transport/ road frontage/ services | Nucleated- Grouped/ crossroad/ bridging point/ services |
| Dispersed- Spread out- farm buildings/ people living peace and quite |  |  |  |

**Reasons for location of town**

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| Altitude (Low lying/ under 200 m) and flat (easy to build roads) | Drainage (good draining but also near river/ transport/ water food. | Bridging point- Easy to cross | Land quality- Brown soil/ Alluvial soil |
| Dublin has all of these features + | Primate city (twice the size og next city | Seat of government (power) | Ireland main port (economic capital) |
| Nodal point (centres of transport routes) | Ireland educational/ cultural/ commercial capital | Dormitory town in linear pattern from Dublin (commuter belt) |  |

**Polder in the Netherlands**

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| High Pop density (500 per SQ KM) | Poders= Reclaimed land from the sea.  Dam Zuiderzee= Lake Ijsselmeer.  Walls= Dykes.  Drained by canals | Zuiderzee project 1927= North East Polder/ Eastern Flevoland/ Southern Flevoland/ Wiering ermeer Polder | Settlements were all planned, radial. Town= centre villages in radial pattern linked by ring road and main road. Emmeloord |
| Rural Settlement (farms)= Linear settlement/ rectangular fields | Polders= overspill area Randsrad (horseshoe area of towns with farmland at centre (groene Hart) |  |  |

**Functions of a town**

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| Market | Defence (castle) | Natural Resource (Zinc/ gold) | Port |
| Residential (dormitory town) | Recreational (beach/ tourism) | Ecclesiastical (Religious) |  |
| River Shannon Settlement | Foynes= Port  Athlone= Defensive (Ath= bridging point) | Clonmacnoise= Esslesiastical. Killaloe=Leisure | Limerick= Multi-functional |
| Limerick City | Defensive= Cost/ river meander/ Normans/ King Johns Castle | Market= Bridging point/ fertile alluvial soil/ Route focus/ Nodal point | Port= Estuary/ imports and exports/ Aughinish Alumina. |
| River Rhine Settlement  Basel/ Cologne | Defence= Fortified/ Bronze & Iron age/ Murus Gallicus | Market= Industrial city/ Commerce/ Retail/ Tourism | Nodal Point/ Port= inland harbour/ crossroad. |

**Communication (road/ rail/ canals/ airport)**

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| Ireland/ Transport 21= 34 billion invested in transport | Towns have grown on transport routes.  M7- Dublin- Limerick  Ring Roads/ M50 | Satellite/ Dormitory on motorways= people live further from workplace (commute) | Bridging= market place/ route focus |
| French Rail Network (SNCF) | 2nd largest rail network 30,000km.  TGV=300 km | TGV= connects all major cities.  Le Metro= French underground= 300 stations/ 200 km track | Metro=4 million passengers dailty/ increase tourism/ industry/ created urban sprawl |