

Lower 5 geographers collect data at Hornsea



This week, our Lower 5 geographers headed to the east coast to gather primary data on a range of coastal management systems designed to protect Hornsea from erosion.

Armed with quadrats, clinometers, ranging poles and tape measures, they investigated the extent to which the groynes have affected the process of longshore drift along the beach. In addition, they scored Hornsea's four coastal defences of groynes, gabions, rock armour, and the sea wall using the bipolar analysis technique.

After a fish and chip lunch, it was time to survey the residents and visitors along the promenade to reach a conclusion about the extent to which the coastal management strategies have socio-economic impacts for the town.

Not only did the trip provide hands-on data collection techniques but it also encouraged discussion about the environmental and economic considerations in the decision-making process of coastal protection. For example, visualising the extent of coastal erosion beyond the final gabion provided new appreciation for the effectiveness of these strategies and how these need to be related to land use value along the cliff top.

Lower 5 were wonderful company and were both enthusiastic and engaged as they brought their classroom learning to life. All in all, a truly lovely day!

Mrs Elizabeth Hayward