

Ideas for Today's Resources

The train station at Teesside Airport was until recently the least used in the country. It still has very few stops despite trains passing through at least twice an hour most days. Even if you did travel to the airport by train, the route to the airport is a LONG walk. In the 80s there was a shuttle bus but now there is nothing. The new developments at the airport means that we will have ore flights, more jobs and potentially the airport will be a venue to visit even if you aren't travelling. So how can we bridge the gap between the station and the terminal as part of an integrated system? Think big! Money is no object and pretty much anything you come up with is cheaper than moving the station closer to the terminal!

Using the task

The annotated map is the key task and explains what to do.

Discussion points:

- How can passengers and luggage be easily moved
- Could the system include activities or stops?
- Could the system be environmentally friendly?
- How could the station itself be improved?

Community

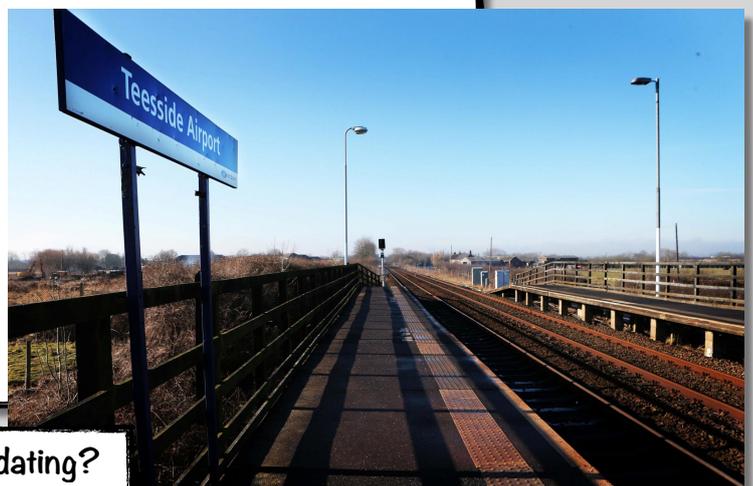
Creating a sense of community around this work will improve authenticity and motivation for the children. I have provided a google folder at the bottom of the webpage for images of work to be uploaded to. Please don't put full names on, first name is fine and possibly the town where you are. Experience shows that this really develops self confidence and improved outcomes for further work. Equally you can email work to me.

Tasks and outcomes

The basic outcome is to think about creative thinking to solve a problem. Use the videos to explore technologies around the world so that designs are based on real possibilities.

Task suggestions include:

- Use the design sheet to draw and annotate a design of your solution
- Use the blank map to detail a larger plan including new activities and stops on the route that might make your solution a great attraction for any visitor, not just people catching a plane
- Redesign the station so that it has better facilities
- Design your solution in Minecraft and take screen shots of the result
- Use the map image on the page to create a short Scratch activity getting your sprite from the station to the terminal
- As advanced programming use broadcast: a train arrives and triggers the sprite to move to the terminal.
- Build a model of solution at home



Needs updating?