



## Scenario: Years 9 and 10

We are looking for **innovative and different planning models to create sustainable and eco-friendly communities around the UK**. To succeed, new communities need to be much more than dormitory townships. There must be businesses and a wide range of independent shops to offer consumer choice and employment; a range of vital public services to support the necessary infrastructure for a functioning community. Retailers and businesses should have a policy of reducing the environmental impact of the goods and services they provide. Local entrepreneurship should be encouraged.

For this stage of the competition, **your group challenge is to construct a plan for a new town of 20,000 people**. Your group's exact focus will depend on your year group. **You should concentrate on providing housing and leisure facilities**. (Years 11 and 12 will look at businesses, provision of public services and facilities, and infrastructure).

### THE COMMUNITY MUST INCLUDE:

- **Housing:** You need to plan for a diverse population - from single people to large families in a variety of relationships. You must include low-cost rental and social housing, as well as owner-occupier housing ranging from first-time buyers to high priced homes. All these houses and dwelling units must be designed to have as low a carbon footprint as possible, while still keeping the homes affordable.
- **Landscaping and public spaces:** These are important elements that help knit a community together.
- **A wide range of retail outlets:** These help towards building a good community spirit as well as supplying necessary and luxury consumer goods. The retail outlets will need to be all types, serving the needs of the many different types of people who will live here. Remember that access is important.
- **Non-retail businesses and renewable energy generation sources.** These help support the direct daily needs of a healthy community as well as contributing to local and regional economies. The businesses should serve the needs of the many different types of people in the community. As far as possible you should identify these types of business and energy sources.

- **Local government structures and public services:** These are a vital part of ordering, regulating and serving a township.

The **emphasis** must be on an **environmentally-friendly, healthy, happy, well functioning community**. You can assume that the community will be built somewhere with good links to other towns or cities.

### OTHER POINTS TO CONSIDER:

1. What sort of **housing** will be needed? It will need to be **eco-friendly, energy efficient** and also suitable for all sorts of people.
2. How can building plans **protect the local ecosystem for native wildlife?**
3. **Why** are **excellent transport services vital** to the **community?**
4. What sort of **infrastructure\*** is **required** for a **healthy, happy community?** How can towns preserve an appearance of **natural growth** (both of nature and buildings) so the town is a **pleasant environment for all its inhabitants?**
5. **What** does a **community need to prevent it becoming just a dormitory township?** (You should consider private and public facilities; businesses and public services).
6. **How** should these **elements fit together within a town layout** so that **everyone** in the community (from the very young to the very old; poorer and wealthy people; employers and employees) **feels included and valued?**
7. **Why** is it **vital** to have a **range of small and medium-sized businesses** sited **within the community**, as well as **excellent road or rail services** to other urban centres?
8. **How** could the **town generate its own energy** (and perhaps even be able to sell some back to the National Grid)?

*You will focus in more detail on points 1, 2 and 3 but all areas need some thought*

\* Infrastructure means the system of transport, sewage, electrical, gas, water, telephone, computer cabling and other communications – all the 'behind the scenes' systems that underpin cities. These must be planned before building begins so the town's people enjoy a healthy and civilised lifestyle.