**Activity 1: Case study analysis**

The aim of this activity is to help you understand the types of home improvement and development that typically require planning permission.

**Case study 1**

The property is a detached house in a suburban area. Mr Turner and Ms Kowalska wish to add a single-storey extension to the rear of the property to create a large kitchen and dining area. The proposed extension will be four metres in length and feature bi-fold doors leading to the garden.

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**Case study 2**

The property is a mid-terrace house in an urban area. Ms Patel plans to convert her loft into an additional bedroom with an en-suite bathroom. She intends to add dormer windows to the rear of the property to increase head height and create more light.

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**Case study 3**

The property is a ground-floor commercial unit in a shopping district. Mr Ball owns a small clothing shop and wants to modernise the shopfront by adding a large illuminated sign.

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**Case study 4**

The property is a detached house. Mr Williams wants to build a two-storey rear extension to add a larger kitchen and an additional bedroom. The extension will extend five metres into the garden and includes large windows at the back to increase natural light coming into the house.

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**Case study 5**

The property is a mid-terrace house in a residential street. Ms Taylor wants to add photovoltaic solar panels to the roof of her property to help with her energy bills.

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