

Activity 2: Passing the Ball – Extension ideas

EXTENSION IDEAS

These videos and data could form the basis for the further activities:

Cross curricular work with the PE department so pupils can record their own video footage to analyse static passes. They can explore speeds of passes as well as running speeds.

Exploring the differences in times from a standing start and a running start to cover various distances. Considering distance-time graphs and velocity-time graphs to represent each situation

Cross curricular work with science to explore reaction times.

Further analysis of dynamic passing of the ball; exploration of Pythagoras, trigonometry and vectors to represent the movement of players and the ball.

Consider scenarios when the receiving player is moving, for example, a long 'through ball' aimed well ahead of the receiving player who is running forward. How far ahead? What does this depend on? Speed of running? Speed of kick? Distance the players are apart?

Consider scenarios when both the passing players are running parallel to each other. Where should the ball be directed for an accurate pass? How does this depend on speed of running? How does this depend on the distance the players are apart?