How far? How fast? How high?

How far?
How fast?
How high?

This task uses a **Problem-Solving Approach** and is designed to take approximately 3 hours of teaching time.

This resource provides a structure for considering and investigating world records in athletics. It involves students handling data in order to answer questions or investigate a hypothesis. Pupils are encouraged to predict changes over time - by how much and how quickly are world records being broken in track and field events? Can we predict the likely World Records this time next year?

The materials cover two different approaches to data – testing a hypothesis – for example 'women are always slower than men' and using data to answer questions of interest – when was the last time the triple jump record was broken? How often is it broken? Can we predict when it will next be broken?

Downloadable materials:

- Teachers' overview
- PowerPoint presentation*
- PDF of teachers' notes from PowerPoint slides
- Pupil worksheet*

* These materials can be edited for your own use

Keywords:

Plan
Collect
Process
Discuss
Hypothesis
Prediction
World Record
Evidence

Classroom guidance:

Time: 3 hours
NC Level: 4-5
Cross curricular links: Physical Education
Source: Linked data used with permission. See notes for sources.

(Updated from QCA-RSS Centre project)