

# WALT: Continuing to develop knowledge of the skeletal system and osteoporosis (Mat 1)

## Prepare for Learning

Recap what you have completed and learnt in lessons last week by answering the following online quiz:

<https://forms.office.com/Pages/ResponsePage.aspx?id=ACksjCiHXkO-gioQAtSYsp9tH-f5CzhAmHrOCw9WEgVUN1dZSFdES1ZLUjEzRTJDNzAyT1dVQURUQi4u>



## Agree Learning Outcomes

### WILF:

To review your knowledge of bones, joints, and movements.

To explain the causes and impacts of arthritis.

To explain ossification and the role of osteoblasts and osteoclasts.

## Present New Information

Looking at the diagrams shown in the live lesson and your own research, explain what osteoarthritis and rheumatoid arthritis are and the effect they can have on individuals:

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As well as arthritis, another long-term symptom associated with the skeletal system is osteoporosis. Using the collaborative group work you did in your breakout room, in your own words, explain what osteoporosis is and why weight bearing exercise is important:

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## Construct Meaning

For your bones and joints to remain strong and healthy, you need to participate in exercise. Your task is to create your own flow diagram, using the information in the live lesson to analyse how bone forms and regenerates:



