Curriculum ORGANISER AUSTRALIA

To see all of our resources go to http://www.bonesandjoints.com.au/teachers/teachers-injury-prevention-and-management/

Year 7 Joints

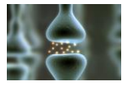
History

No activities provided.
See Skeleton ideas.

Technologies

No activities provided

Science



Research the work of medical biomechanics. Consider the biomechanics involved in assisting those with physical disabilities. Groups create problems for others to solve.

Scientific knowledge changes as new evidence becomes available, and some scientific discoveries have significantly changed people's understanding of the world (ACSHE119)
Change to an object's motion is caused by unbalanced forces acting on the object (ACSSU117)

Mathematics

Use sports injury data to construct and compare a range of data displays. Create posters of the risks for various injuries or sports and display in the library.

Construct and compare a range of data displays including stem-and-leaf plots and dot plots (ACMSP170)

The Arts

Create a work that conveys the concept of a joint. (bones, hinge, lever, fulcrum)

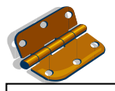
Creating Visual Arts: Elements of art: Value
Creating Visual Arts: Technologies

Languages

View an online knee or hip replacement video (animated) and write up the procedure.

OUTCOME
Students apply their knowledge of the system of the target language to assist them to make meaning and create texts.

English



Locate the various meanings of 'joint' (discuss colloquial language in the case of marijuana). Find idioms, proverbs or famous sayings and students write a narrative text in a particular genre including the phrase at some stage.
(Western, Gangster, Medical, Car – CV jointsl)

Understand how to use spelling rules and word origins, for example Greek and Latin roots, base words, suffixes, prefixes, spelling patterns and generalisations to learn new words and how to spell them (ACELA1539)

Plan, draft and publish imaginative, informative and persuasive texts, selecting aspects of subject matter and particular language, visual, and audio features to convey information and ideas (ACELY1725)

Health & Physical Education

Students research the types of injuries and diseases that affect the joints. They write a report on the management of these conditions emphasising the role of exercise and the efficacy of natural and pharmaceutical medicines.

Medication - uses & abuses
Concept: Importance of using medicine safely and accurately.
Context: Caring for ourselves when we are healthy and sick.

Geography

No activities provided

Arthritis & Osteoporosis WESTERN AUSTRALIA
Something can be done

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