Great Sports Share Ideas for Questions

**Research using secondary sources**
- What’s the difference in fat content between plant and meat-based foods?
- Which vitamins keep us healthy and which foods contain more or less of them?
- How have running shoes changed over time?
- Is it true that having a positive mindset can impact on sports performance?
- Why is it important to wear protective headgear in contact sports?

**Comparative tests and fair testing**
- How does the angle of launch affect how far a ball will go?
- How does the type of material affect how much it can stretch?
- Which type of shoe sole gives most grip?
- How does the wind speed affect the time it takes for a shuttlecock to fall to the ground?
- How does the shape of a boat hull (canoe) affect the time it takes to move through water?

**Observing over time**
- How much exercise do we do in a week?
- How does our heart rate change at key times of the day?
- Can we jump for longer in the morning, lunch time or afternoon?
- Which time of the day is the best to throw a javelin?
- How do the changing light levels in our classroom affect the accuracy we hit a target?

**Identifying, classifying and grouping**
- What are the organs of the body and how can we sort them?
- How can we sort the Olympic sports in groups?
- Can we make a chart to sort and classify foods into different groups?
- Which clothes keep athletes cool/warm/dry?
- Which sports involve things that float, fly or fall?

**Pattern seeking**
- Are foods that are high in energy always high in sugar?
- How does our choice of breakfast affect how fast we can run?
- How does the size of our hands affect the size of ball we can grip?
- Do younger people have faster reaction times?
- How does age affect the accuracy we throw?

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