

Beetle

Annotation

Sam shows that he understands that different outcomes are possible in a chance situation and can explain his thinking.

Problem: Beetle

The teacher plays Beetle with the student. The pair take turns to roll the die and choose their beetle pieces.



The teacher asks the student:

Who do you think will win?

Student Response

Sam: I might win because I just need a head and feelers.

Teacher: Tell me why you think that.

Sam: Well, we've both got three bits to get. You need legs and I need a head and feelers, so I might win, but you might win if you get the legs numbers first.