

Assessing progress and performance: Secondary Science

English (with Hindi)

Commentary:

In this secondary science lesson, the teacher reviews the characteristics of cells. He has divided the class into groups according to their attainment level and distributed differentiated worksheets.

Teacher: आपस में बात करीये

Student 1: ये बनाना पता सेल हो सकता है, पर ये दूसरा गब भी हो सकता है।

Commentary:

During this lesson, several ways of assessing students' work are demonstrated. Assessment is not just setting tests; there are other techniques for checking progress. You can assess students' understanding by observing their work and listening to their conversations.

Teacher: सब लोग मिल जुल कर कितना निकाल रहे हैं। नर्गों का नाम लिखिये क्या है क्या है?

Commentary:

When assessing through observation and listening, the teacher can make a mental note of students' progress.

Teacher: सब लोगों ने अपना अपना ग्रुप का काम कर लिया?

Student: येस सर

Teacher: ठीक है। तो इस काम के करने के बाद एक दूसरे काम की ओर हम लौग अब आगे बढ़ेंगे। ठीक है?

कोशिका के बारे में आप क्या क्या जानकारी रखते हैं वो जानकारी वृक्ष कि तरह वृक्ष की जो शाखाएँ होती हैं पेड़ की जो शाखा की तरह से आपको उसको दर्शाना है।

Commentary:

Next, the teacher shows his students how to create a visual representation of what they have learnt about cells. It's called a mind map, and ideas are written out like the branches of a tree. The students' diagrams tell the teacher how much they have understood.

Teacher: काम स्टार्ट करो जैसे मैंने बताया आपको अपना तरीका ढुंढना है।

Commentary:

Another example of assessment is peer assessment. The teacher instructs groups of similar attainment level to exchange mind maps. Students can evaluate one another's work and offer feedback. This also helps reinforce their own understanding of the topic.

Teacher: अब ये काम हम लौग समाप्त करेंगे। एक दूसरे से अदल बदल करेंगे एक्सचेंज।

Commentary:

The teacher encourages his students to discuss the other group's mind map and see if they can add further ideas.

Student 2: दिक्तीका लिखा है।

Student 3: दिक्तीका लिखा क्या ?देख एक बार चेक कर।

Student 4: नही नही लिखा नहीं है।

Student 2: अनुवासी अनुवासी पहले लिखो.... पिढी से... यहाँ से निकालो.... ये दिक्तीका।

Commentary:

At the end of the lesson, there's a further opportunity for peer assessment when the mind maps are put on display for all the students to review. How would you ask your students to feed back to one another on the mind maps displayed?