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**Assessment for learning in STEM teaching**Classroom talk

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| **Time code** | **Segment** | **Your observations about how the teacher and student roles differ between the segments.** | **Implications for the conduct of whole class and group discussion.** |
| **1.**  | 00:12 - 02:18 | Osmosis. Year 11 (15/16 year olds) GCSE science class: whole class teaching. |  |  |
| **2.** | 02:18 - 04:44 | Osmosis. Year 11 GCSE science class: discussion with groups and one-to-one. |  |  |
| **3.** | 04:44 - 06:01 | Natural Selection. Year 6 (10/11 year olds) lesson: defining terms. |  |  |
| **4.** | 06:01 - 07:56 | Natural Selection. Year 6 lesson: whole class questioning prior to the experiment. |  |  |
| **5.** | 07:56 - 09:29 | Natural Selection. Year 6 lesson: bird beak experiment. |  |  |
| **6.** | 09:29 - 10:14 | Natural Selection. Year 6 lesson: group discussion after experiment. |  |  |