

Online Synchronous Lessons

Top 3 Video Conferencing Tool Tips for Learning Areas

English/Humanities

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Chat

In some video conferencing software it can be set up to automatically save the chat transcript and teacher can review after lesson to inform next steps. Use to quickly review each student's understanding. Some examples:

- Frontload/review learning at the start of the lesson.
- Check understanding during key phases of the lesson before progressing to next phase.
- Review key concepts of lesson as an exit ticket activity.

Screen Share

In some videoconferencing software it can be set up so that both teacher and students can share screen. Some examples:

- Use to check student understanding or clarify misconceptions whilst working on a specific task.
- Share student exemplars.
- Collaboratively annotate e.g. to deconstruct the performance standards, identify key features of a text including videos or analyze a source. Can be combined with using Office 365 documents with whole class contributing simultaneously.
- Peer to peer instruction (can be used at a whole class level or small groups using breakout rooms) and peer presentations e.g. orals (can be recorded as evidence of learning).

Breakout Rooms

Some video conferencing software has the option of breakout rooms where the teacher can create 'virtual rooms' and set up students to work in smaller groups (manually or automatically created) for cooperative learning strategies. You can then 'move' between the rooms like you would in a face to face classroom. Some examples:

- Set up a 'jigsaw activity' where each group is given an allocated task and reports back to class (efficient way to cover a lot of content quickly).
- Peer editing/writing workshops.
- Group tasks – some video conferencing software can be set up to allow students to record and they can record evidence of collaboration during these sessions.
- Differentiated instruction –group students according to learning needs and work with in small group whilst other students work on a task independently.

Health and Physical Education

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Recording your lesson

To collect evidence of your students collaborative planning and/or conducting group tasks record parts, or all, of your lesson onto your PC:

- Easily capture video and/or audio evidence of your students planning a health promoting activity, or conducting group tasks in physical education.
- As the teacher, mute yourself so students drive conversations and co-operative learning opportunities and can also demonstrate progress of their designated roles.
- Record your Stage 1 and Stage 2 Health students conducting health promoting activities/practical activities in your lesson, save to your PC.
- Record your Stage 2 Physical Education students presenting their Group Dynamics - Analysis and Evaluation in your lesson, save to your PC.

Screen Share to demonstrate collaboration

For high quality evidence of collaboration encourage your students to share their screens. Whilst screen sharing students can

- Brainstorm and discuss ideas, reach consensus about group goals and methods for completing tasks either verbally and/or written (utilizing chat function).
- Gather high quality data, analyze authentic feedback and provide reflection.
- Interview an invited expert.
- Demonstrate effective communication skills such as; actively listen to each other, speaking slowly and clearly, respecting and trusting others, involving all group members and making decisions together.

Chat

- Save your students chat to your PC, and share with your students as evidence of collaboration
- Disable private messaging so student chat to 'everyone' as private chat messages do not get recorded
- Send out files, documents, assessment tasks, lesson content via chat and ask students to download in real time

Science

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Annotation

- Students/teachers drawing on screen to solve problems collaboratively.
- Annotating over YouTube or document camera to enhance explanations.

Screen Share

- Students screen sharing to demonstrate understanding, such as an Excel file or draft. This can then be annotated on by the teacher in real time.

Remote Control

- Having a PhET app or another simulation open, and giving a student control of the mouse to make adjustments, and other students annotating on the screen.

Mathematics

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Whiteboard

Use it to propose a math problem:

- Acts just like a whiteboard at school.
- Invite students to annotate the screen.
- If lesson is recorded, students have access to all the working out.

Breakout Rooms

- Great for getting students to work together to solve problem solving questions.
- Break students into groups and using their whiteboard create a solution.

Screen Share

- Viewing of documents, PowerPoints and videos.
- All can be stopped at any stage and annotated.
- Great for assisting students with excel spreadsheets and editing work if they share their screen.
- Student can take control and present an oral or an idea.