Research behind the flipped classroom

• Like any pedagogy it needs to be done well
• Relate to Marzano’s research- many teachers only use 6% of class time for higher order cognitive activities. Interestingly he also found that the older the students the more direct instruction.

Different kinds of teaching space as defined by Flipped Learning Network.

Group space - what happens in the class (practice, projects, genius hour; debates, Socrates, activities guided by the teacher)

Individual space - both at home and at school (aim is to use this for the direct instruction)

Quote from Flipped Learning Network 2104

'Flipped learning is a pedagogical approaching which the direct instruction moves from the group space to the individual space....'

The Flipped Learning Network claim that with a flipped Pedagogical approach - Students can connect better with their individual teacher ...helps build the relationships and allows for better connections.
**Individual space**
- Start with your learning goal.
- Keep it short (under 10 min is ideal)
- Have a plan
- Edit videos
- At SJPC we will try to maintain the common structure of **WSQ**: watch, summarise, ask or answer a question.

Not enough to just take a lecture and turn into video think about the lesson goals.
Make them better, make them with with someone else.....you could role play an expert and questioner
Give kids an advanced organiser - a sheet of paper that supports their understanding of the pre-learning
Learn to use the learning management system well (Google classroom & click view)

**Group space**
Each KLA will have different focus areas - the Library has books to support the pedagogy.
Use formative assessment activities
Make sure that the process (practice) has the time to take place so the kids don’t feel so overwhelmed. **BE AWARE OF THE PACE**

Then allow for activity.

Make sure the kids ask.... Not only show the summary but also insure that a question is asked verbally or via the technology. This could be a question to support/clarify individual students' learning or they could create questions about the material for you to use in the group activity - think about SJPCs focus on formative assessment.

Ask an open ended ie. what did you learn, what do you need to know more about?

Or
Ask the kids
Who would like to summarise the video? Put it back on the kids also get them to ask the questions.

3x different kinds of flipped
Flip 101 synchronisation environment - all kids doing the same activity after watching the video the night prior

Flipped mastery - asynchronised class moving at individual pace based on need...much more differentiated

The n-flip
Often used in primary but also for kids with learning difficulties ...the kids who need it most are those who get the most time with the the teacher.

Other ideas

• Flip the feedback individual feedback with video- do this with student homework.
• Flipped Learning Network - free resources