

CHALLENGE

Three-legged Stool Approach

- All lessons must consider 3 Sources:
 - National/State Standards
 - Important concepts and skills
 - Specific needs of students (prior knowledge)

LISC (Why/Purpose)

- Students need to:
 - Understand what they are learning
 - Know how to be successful
 - Know why their learning is important
- LISC should be about what they are learning not what they are doing

Teacher Knowledge

- Teachers need to know the discipline content, key ideas & learning trajectories/progressions
- ***"The more deeply you understand content, the better you can identify what is important for students to know and be able to do"*** - John Hattie - Visible Thinking for Teachers

Quality of Task

- Tasks need to:
 - Fit students' Zone of Proximal Development
 - Offer choice
 - Include differentiation (including grouping) or be low floor high ceiling
 - Provide scaffolds when needed
 - Offer a variety of appropriate resources
 - Include explicit teaching of vocab

Learning Trajectories/ Learning Progressions

- Learning trajectories are how students progress over time towards increased levels of understanding
- Start with the end goal and where students are currently
- What steps are we taking to help students reach their learning goal?

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Conceptual Understanding

- Surface & deep understanding is needed to develop conceptual understanding
- ***"We come to know ideas, and then we can be asked to relate and extend them. This then leads to conceptual understanding, which can then in turn become a new idea"*** - John Hattie - Visible Thinking for Teachers

Questioning & Discussion

- Every child should be required to think deeply through the use of planned & structured challenging questions
- Opportunities for all students to engage in discussion (accountable talk)

Formative Assessment

- We need to observe students, observe student work samples & observe students in the process of doing their work
- Lessons need to be adapted based on formative assessment
- Visible learning (do, say, make, write)

Classroom Culture

- Classrooms need to encourage:
 - High expectations
 - Growth mindset (risk taking, resilience)
 - Commitment
 - Confidence
 - Self-regulation/Meta-cognitive skills

Created by:

- OGPS IR Team 2019