

# Technology Deeper Learning

## Checklist Deeper thinking and learning

(moving from lower-level thinking tasks to activities greater in cognitive complexity)

**Domain knowledge** (discipline specific, relevant knowledge, skills and dispositions)

YES

NO

SOMEWHAT

**Deeper Learning** (big important themes rather than isolated topics or trivia)

YES

NO

SOMEWHAT

**Deeper Learning** (is the activity/assessment beyond low-level facts)

YES

NO

SOMEWHAT

**Deeper Learning** (are the students regurgitating syntheses provided by a source/teacher )

YES

NO

SOMEWHAT

# 4 Shifts Protocol Checklist

Deeper thinking and learning

**Critical Thinking** (activity engage deep critical thinking and analysis)

YES

NO

SOMEWHAT

**Problem Solving** (activity engage in complex and messy (not simple) problem solving)

YES

NO

SOMEWHAT

**Creativity** (allow students to design, create, add value that is unique to them)

YES

NO

SOMEWHAT

**Metacognition** (can students reflect on their planning, thinking, work and progress )

YES

NO

SOMEWHAT

**Assessment Alignment** (Assessments aligned to the cognitive complexity asked of students )

YES

NO

SOMEWHAT

# 4 Shifts Protocol Checklist

## Authentic Work

(move from isolated academic work to contributing to local communities)

**Real or Fake** (is the activity/work authentic and reflective of experts in the real world)

YES

NO

SOMEWHAT

**Authentic Role** (authentic societal role as part of their learning)

YES

NO

SOMEWHAT

**Domain Practises** (Are students utilising authentic, discipline specific practises/processes)

YES

NO

SOMEWHAT

# 4 Shifts Protocol Checklist

## Authentic Work

Domain Technologies ( )

YES

NO

SOMEWHAT

Research and Information Literacy Strategies (research/inquiry/information literacy strategies)

YES

NO

SOMEWHAT

Authentic Assessment (real-world products/performances for real world audiences)

YES

NO

SOMEWHAT

Contribution (is the students work contributing to the real world)

YES

NO

SOMEWHAT

Assessment Technology (is technology being used to assess)

YES

NO

SOMEWHAT

# 4 Shifts Protocol Checklist

## Student Agency and Personalisation

(move from teacher controlled learning environments to greater student agency)

**Learning Goals** (who selected what is being learned)

STUDENTS

TEACHERS

BOTH

**Learning Activity** (who selected how it is being learned)

STUDENTS

TEACHERS

BOTH

**Assessment of Learning** (who selected demonstration method/how will it be assessed)

STUDENTS

TEACHERS

BOTH

# 4 Shifts Protocol Checklist

## Student Agency and Personalisation

**Talk Time** (who is doing most of the talking)

STUDENTS

TEACHERS

BOTH

**Work Time** (who is deciding the work time and ensuring progress)

STUDENTS

TEACHERS

BOTH

**Interest-Based** (Is student work reflective of their interests or passions)

YES

NO

SOMEWHAT

**Initiative** (Do students have the opportunity to go beyond the given parameters)

YES

NO

SOMEWHAT

# 4 Shifts Protocol Checklist

## Student Agency and Personalisation

**Technology Selection** (Who selected what technologies are being used?)

STUDENTS

TEACHERS

BOTH

**Technology Usage** (who is the primary user of the technology)

STUDENT

TEACHERS

BOTH

# 4 Shifts Protocol Checklist

## Technology Infusion

(

**Communication** (how are students Communicating?)

ALONE

IN PAIRS

IN TRIADS

IN GROUPS LARGER THAN THREE

**In Other Ways**

STUDENTS IN THIS  
SCHOOL

STUDENTS IN ANOTHER  
SCHOOL

ADULTS IN THIS SCHOOL

ADULTS OUTSIDE THIS  
SCHOOL

**Communication Technologies** (Is Digital being used to facilitate the communication?)

YES

NO

**Which ways**

WRITING

PHOTOGRAPHS AND IMAGES

CHARTS AND GRAPHS

INFOGRAPHICS

AUDIO

VIDEO

MULTIMEDIA

TRANSMEDIA



# 4 Shifts Protocol Checklist

## Technology Infusion

### Collaboration(How are Students working?)

ALONE

IN PAIRS

IN TRIADS

IN GROUPS LARGER THAN THREE

### With whom?

STUDENTS IN  
THIS SCHOOL

STUDENTS IN ANOTHER  
SCHOOL

ADULTS IN THIS  
SCHOOL

ADULTS OUTSIDE THIS  
SCHOOL

### Who is managing (collaborative process, planning, management, monitoring)

STUDENTS

TEACHERS

BOTH

# 4 Shifts Protocol Checklist

## Technology Infusion

### Collaboration Technologies

(Is digital used to facilitate the communication processes?)

YES

NO

SOMEWHAT

**Which ways?** (circle all that apply)

ONLINE OFFICE SUITE

EMAIL

TEXTING

WIKIS

BLOGS

PROJECT PLANNING TOOLS

VIDEOCONFERENCING

MINDMAPPING

CURATION TOOLS

OTHER

### Technology Adds Value

?)

YES

NO

SOMEWHAT

**Technology as Means, Not End** (Does Technology overshadow, mask, or draw focus from the important learning?)

YES

NO

SOMEWHAT

### Digital Citizenship

(Is digital used in both appropriate and empowering ways?)

YES

NO

SOMEWHAT