Template: Build your own evaluation framework

This template provides the basic structure of an evaluation for you to customise for your own initiative.

# To use this template:

* Edit the key evaluation questions so that it reads: “Did [initiative name] achieve [intended initiative objective(s)]?”
* List the measures you want to include under each component of the evaluation framework (use the examples on the pages below as a starter)
* Remove types of measures where they are not used (e.g. if it is not useful to capture “measures for time spent”, then remove this category)

## Key evaluation question: Did the initiative achieve its intended objective(s)?

## Objective: Did the initiative achieve its intended objective(s)?

### Design

| **Question** | Potential measures for design |
| --- | --- |
| Does the initiative design set it up for success? | * Potential measures for design |

### Implementation

| **Question** | **Potential measures for rollout** | **Generic program measures** |
| --- | --- | --- |
| How has the initiative been implemented in practice? | * Did the initiative try to engage the target population? * Was rollout carried out in a way to get best uptake/ deliver best quality of initiative? * Did the initiative deliver on its intentions to:   + Develop x many resources   + Host x man visits   + Deliver the number and type of experts or providers planned (e.g. PhD science students or experienced teacher professional learning mentors)   + Deliver professional learning as part of initiative? | Did the initiative:   * Get developed and delivered on time * Get developed and delivered on budget * Comply with appropriate probity/ process * Establish appropriate governance structures * Complete/ monitoring/ reporting   Communicate and engage with stakeholders (e.g. other year level or subject teachers, parents) |

### Outputs

| **Question** | **Potential measures for things produced** | **Potential measures for people reached** | **Potential measures for time spent** | **Potential measures about who received the initiative** |
| --- | --- | --- | --- | --- |
| What impacts or consequences did the initiative have for students? | How many of the following did the initiative produce, e.g.:  * Teaching/ student resources * Products or resources delivered to schools * Experts for visiting schools * Experts for coaching/ mentoring teachers * Events or expos held or visited * Teacher professional learning sessions   Lessons observed/ led by experts or other teachers | How many of the following did the initiative reach, e.g.:  * Student attendees * Teacher attendees * Parent attendees   Page visits on a website | How much time spent doing initiative activities, e.g.:  * Student hours in activity/ using resources/ equipment * Teacher hours spent in professional learning   Hours spent mentoring other teachers or observing their lessons | Who received the initiative in practice? **For students, by:**   * Student year level * Student ability * Demographics, e.g. SES, gender, ethnicity, geographic location   **For teachers, by:**   * Year level they teach * Subjects they teach * Years of experience teaching (in general, and for specific subjects) * In- field/ out-of-field experience |

### Outcomes

| **Question** | **Direct measures of engagement and achievement** | **Proxies to measure engagement and achievement** |
| --- | --- | --- |
| What impacts or consequences did the initiative have for students? | Direct measures of engagement  * Are students more engaged and attentive in class?   + Particularly students in the target population? * Are enrolments in STEM subjects increasing?   + In short term?   + In long term?  Direct measures for achievement?  * Are students’ results improving? * Are students’ skills improving (e.g. through critical thinking skills test)? * Do teachers/ employers have positive feedback on achievement/ performance of students? * Depth of understanding in subjects * Retentions of concepts | Potential behaviours to use as proxies **Are students or teachers demonstrating best practice behaviours or actions, e.g.:**   * Teachers integrating technology in the classroom? * Teachers adapting material/ resources/ skills from professional learning for their classes’ abilities * Teachers enabling inquiry- based learning? * Students asking and answering questions that demonstrate a deeper understanding and interest  Potential beliefs to use as proxies **Are students or teachers demonstrating beliefs that indicate engagement or achievement outcomes e.g.:**   * Do teachers feel more confident since PD? * Are students less anxious about certain topics or subjects? * Teachers believe students’ proficiency has developed   Students have aspirations for taking STEM subjects later in their education or for STEM careers |
|  | Direct measures of engagement  * Are students more engaged and attentive in class?   + Particularly students in the target population? * Are enrolments in STEM subjects increasing?   + In short term?   + In long term?  Direct measures for achievement?  * Are students’ results improving? * Are students’ skills improving (e.g. through critical thinking skills test)? * Do teachers/ employers have positive feedback on achievement/ performance of students? * Depth of understanding in subjects * Retentions of concepts |  |