

Reading the techAttain Profiles

Grade 5 and Grade 8 Profiles

Skills demonstrated by students in grades 3 - 5 are applied to the Grade 5 techAttain Profile, and, to a lesser extent, contribute toward the Grade 8 techAttain profile.


Skills demonstrated by students in grades 6 - 8 are applied to the Grade 8 techAttain Profile.

Technology Literacy within a Category

For either profile, a student is considered tech literate in one of the six categories when his or her profile shows ten green blocks. For example, the following student has demonstrated her ability to use technology to communicate and collaborate.

Communication and Collaboration

- Interact and collaborate with others
- Design for, and convey information to multiple audiences



It takes 20 attainment points to achieve ten green blocks in the categories 'Creativity and Innovation' and 'Digital Citizenship.' Each block represents 2 points.

It takes 40 attainment points to achieve ten green blocks in the categories 'Communication and Collaboration', 'Research and Information Fluency', 'Critical Thinking, Problem Solving, and Decision Making', and 'Technology Operations and Concepts.' Each block represents 4 points.

Overall Technology Literacy

For either profile, a student is considered tech literate when he or she acquires 200 or more attainment points AND has at least five green blocks in every category.

Example 1: The student below has 200 attainment points but is not yet deemed tech literate because he has not met the minimum 'Creativity and Innovation' requirement.

techAttain: Student Tech-Literacy Profiles

GRADE 5 PROFILE

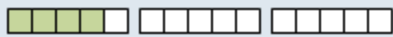
Student: **Example Student**

Profile Date: **31 July 2008**

Grade: **5**

Attainment: **200**

Creativity and Innovation



Communication and Collaboration



Research and Information Fluency



Critical Thinking, Problem Solving, and Decision Making



Digital Citizenship



Technology Operations and Concepts



Example 2: The student below has 200 attainment points and is deemed tech literate as he has met the minimum requirements for every category.

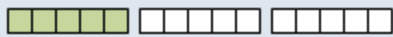
techAttain: Student Tech-Literacy Profiles

GRADE 5 PROFILE

Student: **Example Student**
Grade: **5**

Profile Date: **31 July 2008**
Attainment: **200**

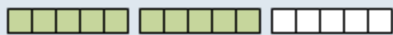
Creativity and Innovation



Communication and Collaboration



Research and Information Fluency



Critical Thinking, Problem Solving, and Decision Making



Digital Citizenship



Technology Operations and Concepts



The Finer Details

To achieve literacy within a category, students need to demonstrate a range of relevant skills. There are eight macro-indicators that capture this range of skills for each category, each with its own threshold. Once that value is met, performance against that particular indicator cannot contribute more points to the total. For example, within the category 'Communication and Collaboration,' a student may have demonstrated many times his ability to 'use design complementary to the content and its purpose.' Doing so again will not contribute more to the category total. The student should demonstrate other skills relevant to the category, such as his ability to 'understand and use an array of formats including digital genres.'

In most cases this level of scrutiny is not necessary. The activities are designed to offer a balanced set of demonstration opportunities. Where a student has not performed in a particular category, however, it is possible to drill down to see which indicators have or have not been satisfied, and whether or not the student has been provided with the opportunity to demonstrate the associated competencies. With this knowledge, teachers and administrators can identify what type of intervention is necessary and the techSteps activities that may help in addressing the situation.