What is the **Mastery Index?**

SPSF SCHOOL PERFORMANCE AND SUPPORT FRAMEWORK
VIRGINIA DEPARTMENT OF EDUCATION

The mastery index is used to calculate three SPSF indicators: Reading Performance, Math Performance, and Science Performance.

Instead of a simple rate based on the number of students passing SOL or VAAP tests, students get 1 point for proficiency, but extra credit for reaching advanced levels and partial credit for performing below state expectations as shown below.

Category	Weight
Advanced Performance Level	**1.25**
Proficient Performance Level	**1.0**
Basic/Does not Meet Performance Level	**0.75**
Below Basic Performance Level	**0.25**

Take 100 Students from Middle School who took the Reading SOL

= 10 Students

Calculate the weighted count per category using student population

40 score at the **Advanced Level**

40 x **1.25** = **50**

10 score at the **Basic Level**

10 x **0.75** = **7.5**

40 score at the **Proficient Level**

40 x **1.0** = **40**

10 score at the **Below Basic Level**

10 x **0.25** = **2.5**

1. Add the total per category to calculate the **Mastery Index**.

50 + 40 + 7.5 +2.5 = 100

2. Use the **Mastery Index** and divide it by the number of total number of students.

100/100=1

3. Multiply by the number of points (i.e., weight) of the **Reading Performance indicator** in the overall SPSF

1x20=20 points