



# Capital Quality Rating Calculation Webinar

*Pre-School /Pre-K Only Facilities with Only One Year of Valid Observation Data*

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March 2024

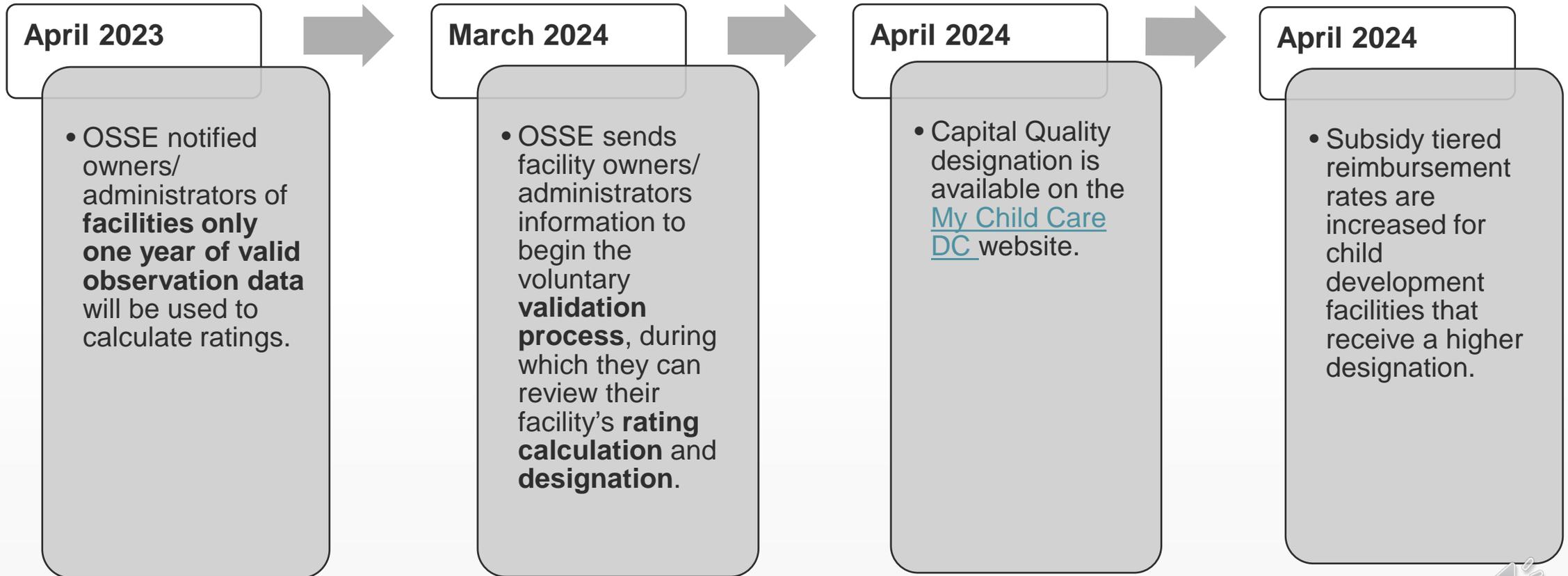
# Agenda

- Timeline for 2024 Capital Quality Rating and Designation Process
- Capital Quality Rating and Designation Overview
- Policies for Facilities with 2023 One Year of Valid Observation Data (Including Preliminary)
- Capital Quality Rating Calculation Using One Year of Valid Observation Data
- Next Steps



## Timeline for 2024 Capital Quality Rating and Designation Process

# Timeline for 2024 Capital Quality Rating and Designation Process





## Capital Quality Rating and Designation Overview

# Capital Quality Rating and Designation Definitions

## Framework

- The Capital Quality category based on the type of setting (home or center) and the age groups of children served (birth to 5). The framework is then used in combination with the metric and informs the way in which the rating is calculated to determine a Capital Quality designation.

## Metric

- Instruments or indicators used to assess performance in each area defined, commonly known as measures.

## Floor

- The minimum value for which any points are earned (for all metrics), indicating the minimum level of performance acceptable for a facility to receive points in the Capital Quality rating system.

## Target

- The value at which the maximum points for a metric are earned, indicating the desired level of performance in achieving the stated outcome in the Capital Quality rating system.

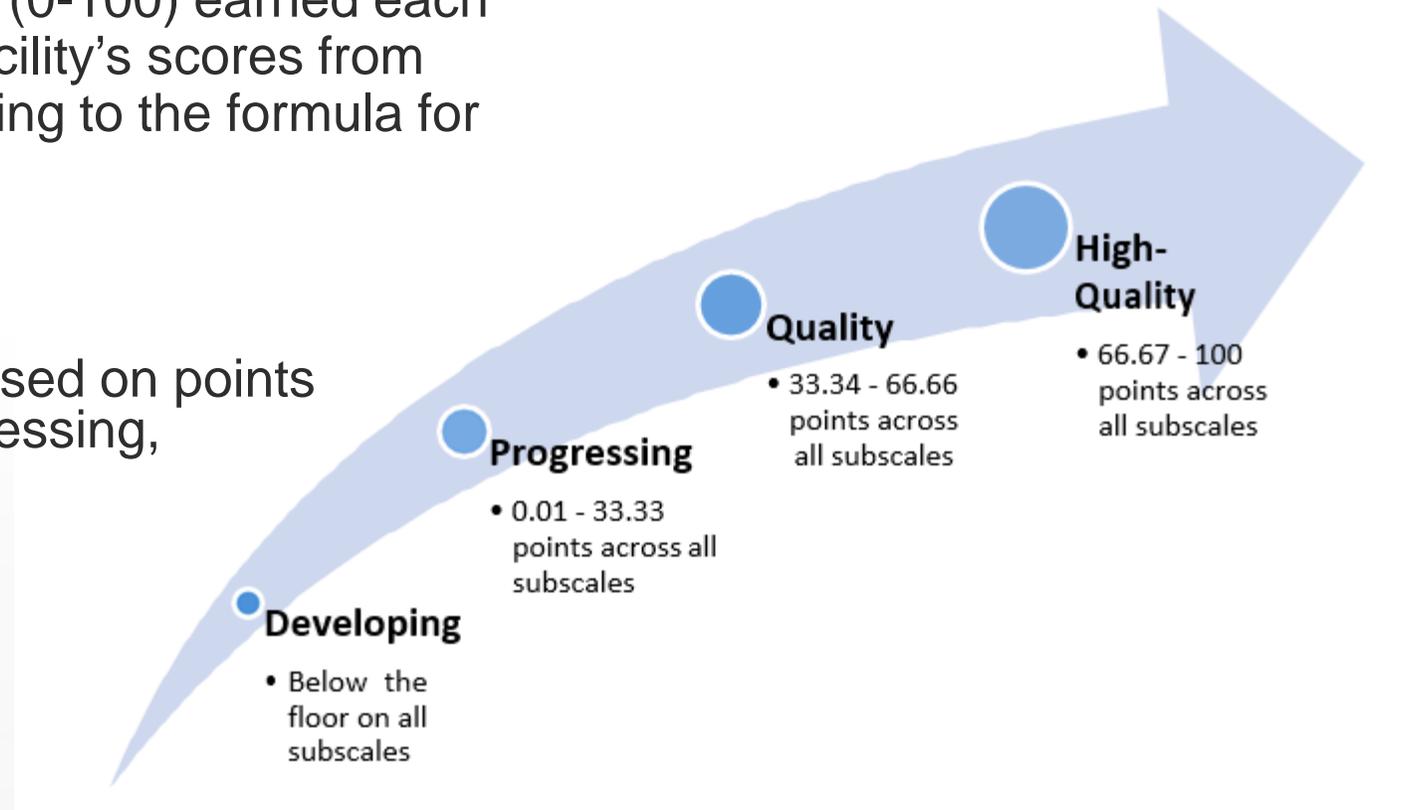
# Capital Quality Rating and Designation Definitions

## Rating

- Refers to the numeric score (0-100) earned each year upon calculating the facility's scores from each of their metrics according to the formula for their framework.

## Designation

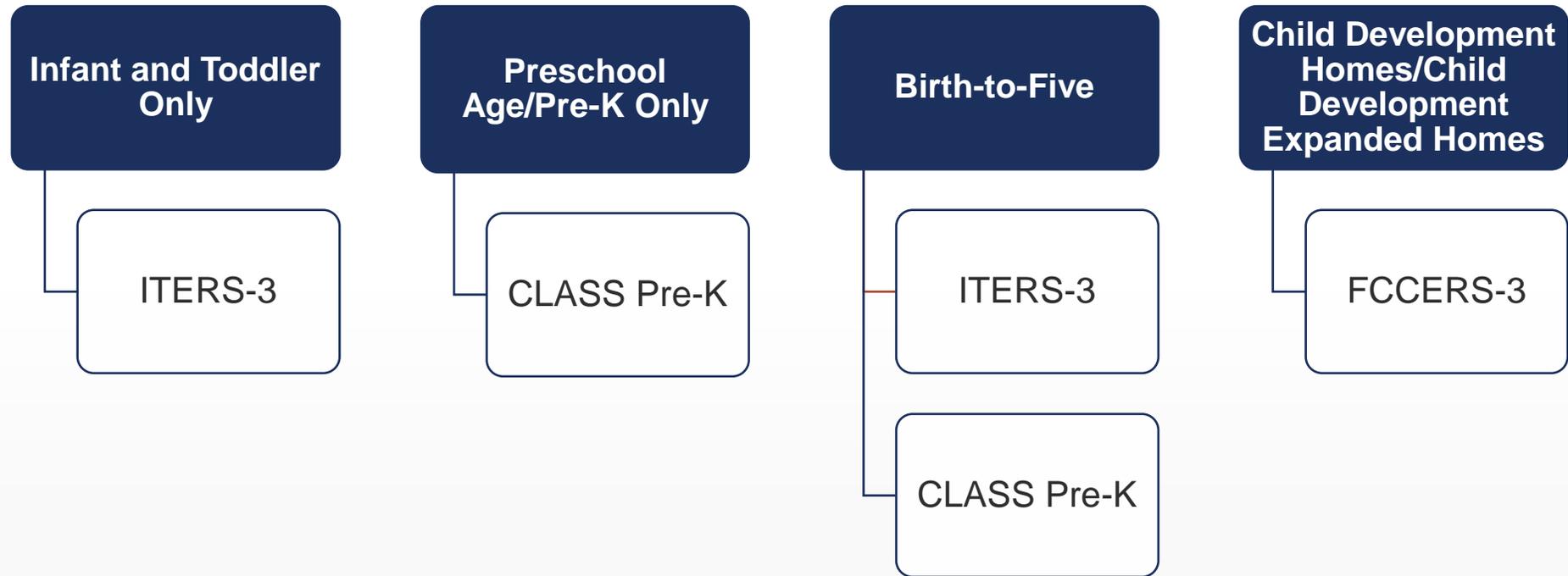
- A facility's level of quality based on points earned – Developing, Progressing, Quality or High-Quality.



# Capital Quality Metrics

- **Environment Rating Scales (ERS)**
  - Infant/Toddler Environment Rating Scale, Third Edition (ITERS-3)
  - Family Child Care Environment Rating Scale, Third Edition (FCCERS-3)
- **Classroom Assessment Scoring System Pre-K (CLASS Pre-K)**
- **Floors and targets for each metric are research based**

# Capital Quality Frameworks and Metrics



# CLASS Pre-K Overview

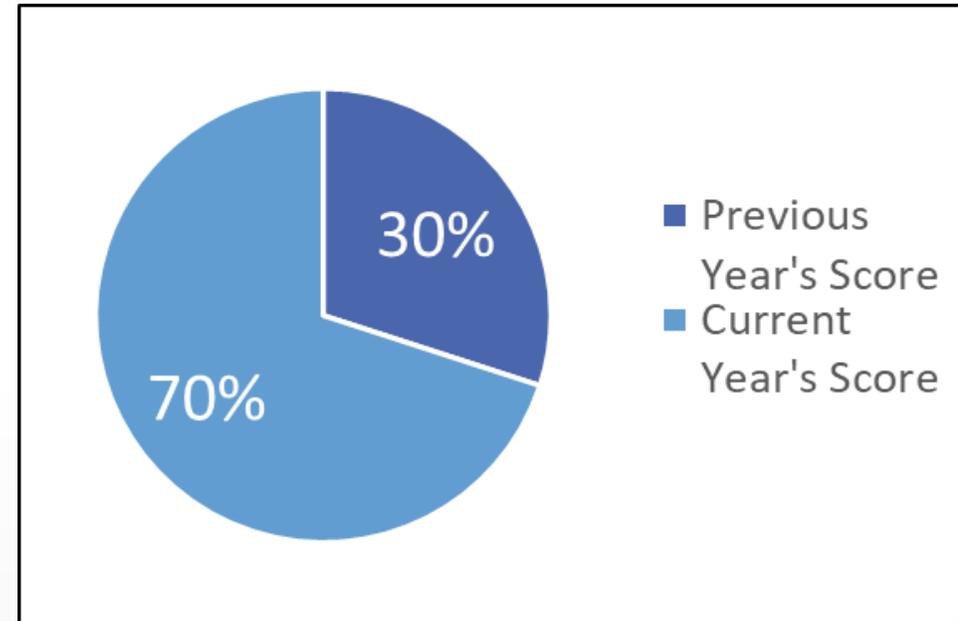
- The metric is comprised of three domains:
  - Emotional Support;
  - Classroom Organization; and
  - Instructional Support.
- Each domain has multiple dimensions that are scored on a scale of 1 to 7 with higher scores indicating higher quality.
- OSSE defines evidence-based floors and targets for each domain that are used to calculate Capital Quality designations.

# What do the CLASS Pre-K floors and targets represent?

CLASS Pre-K Domain	What does it measure?	What does the Floor Score represent?	What does the Target Score represent?
Emotional Support	Measures teachers' efforts to support children's social and emotional functioning (e.g., teacher sensitivity, emotional connection)	<b>Score: 4.5</b> Some evidence that the teachers and children share warm, supportive relationships, yet teachers are only sometimes aware of children who need support or attention	<b>Score: 6.0</b> Evidence of frequent positive communication between teachers and children; teacher consistently are flexible, go along with child's ideas and organize instruction round child interests
Classroom Organization	Measures classroom-level organization (e.g., behavior management, routines)	<b>Score: 4.5</b> Some evidence that rules/expectations may be stated clearly, but are inconsistently enforced by the teachers	<b>Score: 6.0</b> Consistent evidence that teachers are proactive, monitor the classroom effectively to prevent problems from developing; they focus on positives and making use of subtle cues
Instructional Support	Measure the ways in which teacher effectively support cognitive and language development in their classrooms (e.g., language modeling, asking open-ended questions)	<b>Score: 2.0</b> Evidence that teachers rarely provide scaffolding and ignore problems in understanding; feedback to children is often perfunctory (e.g., yes/no, that's right/wrong)	<b>Score: 4.0</b> Evidence of occasional use of discussions that promote analysis and reasoning; sometimes feedback loops promote exchanges, other times not

# Capital Quality Rating

- In general, when calculating a Capital Quality rating, 70 percent of the score is based on each metric from the current year and 30 percent of the score is based on each metric from the previous year.
- In some cases, the current year's scores and the previous year's scores will not be the two most recent calendar years for which OSSE has valid observation data. This means the previous year's score and the current year's score used in the rating calculation may not be consecutive calendar years (e.g., calendar year 2023 score used for previous year's score and calendar year 2025 score used for current year's score in rating calculation).





**Policies for Facilities with Only One Year of Valid Observation Data and Policies for 2024 Using One Year of Valid Observation Data**

# Facilities with Only One Year of Valid Observation Data and All Participating Facilities in 2024

- OSSE will calculate the Capital Quality rating and designation using **one year of valid observation data from the 2023 calendar year** in which valid observation data were collected, including Preliminary facilities.
- For all facilities with one year of valid observation data, this one year of valid observation data will be **“weighted” 100 percent** in the rating calculation.
- This rating may result in a change in a facility’s designation (to Developing, Progressing, Quality or High-Quality) based on one year of data.
- **The rating and designation using one year of valid observation data for all facilities will be in effect until facilities have two years of valid observation data**, at which point OSSE will calculate the rating and designation using the two most recent years of valid observation data.



## Capital Quality Rating Calculation Using One Year of Valid Observation Data

# Rating Calculation

- The Capital Quality rating for preschool age/pre-K only facilities with only one year of valid observation data is calculated using each of the three CLASS Pre-K domain scores relative to the targets and floors.
- Using an example facility, the following slides demonstrate how the CLASS Pre-K domain scores are used to calculate a Capital Quality **rating** which translates into a Capital Quality **designation**.

# Rating Calculation

Each domain of CLASS Pre-K has a different floor and target, which is presented in the tables below. In this example, this Preschool Age/Pre-K Only facility's scores are presented for each CLASS Pre-K domain.

<b>Emotional Support</b> <b>Score: 5.0</b>	<b>Classroom Organization</b> <b>Score: 6.1</b>	<b>Instructional Support</b> <b>Score: 2.0</b>
<b>Target: 6</b> <b>Floor: 4.5</b>	<b>Target: 6</b> <b>Floor: 4.5</b>	<b>Target: 4</b> <b>Floor: 2</b>

The following formula is used to calculate the points earned in each domain when the facility has one year of valid observation data:

Points Earned for Each Domain

$$= 33.33 \times \frac{\text{Score} - \text{Floor}}{\text{Target} - \text{Floor}}$$

# Rating Calculation

To calculate the framework points earned for CLASS Pre-K, the points are calculated separately for each domain as illustrated below:

## Emotional Support

Insert the Emotional Support score (5.0), floor (4.5) and target (6) into the equation. Then, calculate.

$$33.33 \times \left( \frac{\text{Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)$$

$$33.33 \times \left( \frac{5.0 - 4.5}{6 - 4.5} \right)$$

$$33.33 \times \left( \frac{0.5}{1.5} \right) = 11.11$$

**CLASS Pre-K Emotional Support Points Earned: 11.11**

# Rating Calculation

In this example, the Preschool Age/Pre-K Only facility earns 35.55 points in Classroom Organization, but the maximum number of points that can be earned in each domain is 33.33 points. Therefore, this facility earns the total possible points for the Classroom Organization domain, earning a total of 33.33 points

## Classroom Organization

$$33.33 \times \left( \frac{\text{Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)$$

$$33.33 \times \left( \frac{6.1 - 4.5}{6 - 4.5} \right)$$

$$33.33 \times \left( \frac{1.6}{1.5} \right) = 0$$

$$35.55 \rightarrow 33.33$$

# Rating Calculation

This facility earns **0** points for Instructional Support.

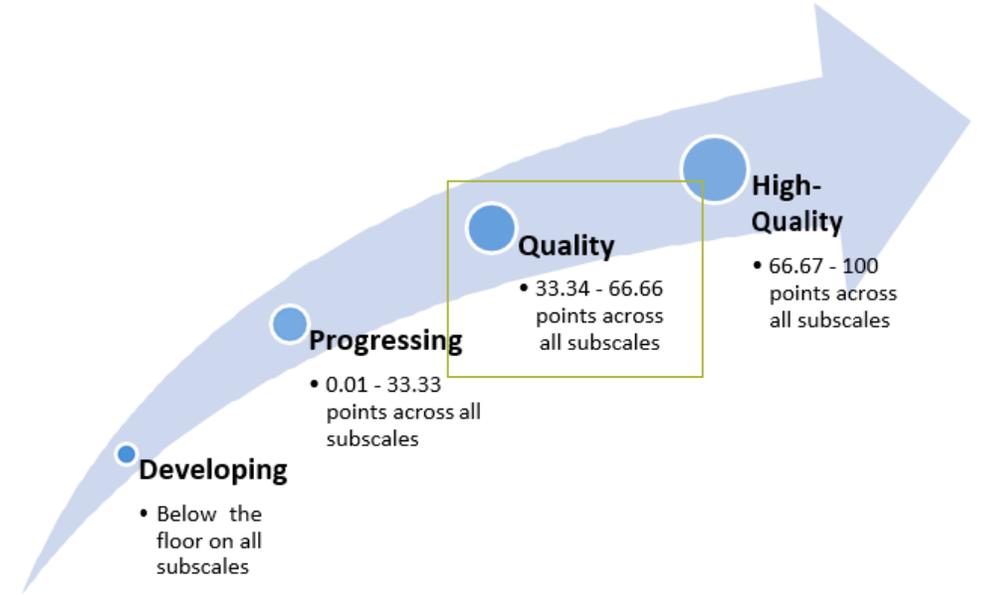
## Instructional Support

$$33.3 \times \left( \frac{\text{Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)$$

$$33.33 \times \left( \frac{2 - 2}{4 - 2} \right)$$

$$33.33 \times \left( \frac{0}{2} \right) = \mathbf{0}$$

# Rating Calculation



In the last step, the points earned from each CLASS Pre-K domain are combined and the Capital Quality rating is calculated as follows:

<b>Emotional Support</b>		<b>Classroom Organization</b>		<b>Instructional Support</b>
11.11 points	+	33.33 points	+	0 points
<b>= 44.44 points</b>				

This rating of 44.44 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

**Capital Quality Designation: Quality**



**Next Steps**

# Next Steps

- A recording of this webinar will be posted on the OSSE website at [osse.dc.gov/page/capital-quality-qris](https://osse.dc.gov/page/capital-quality-qris).
- Expect email communication for the year 2024 validation process.
- Email [CapitalQuality@dc.gov](mailto:CapitalQuality@dc.gov) with any questions.



**Thank you!**

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