



# Capital Quality Rating Calculation Webinar

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

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June 22, 2021

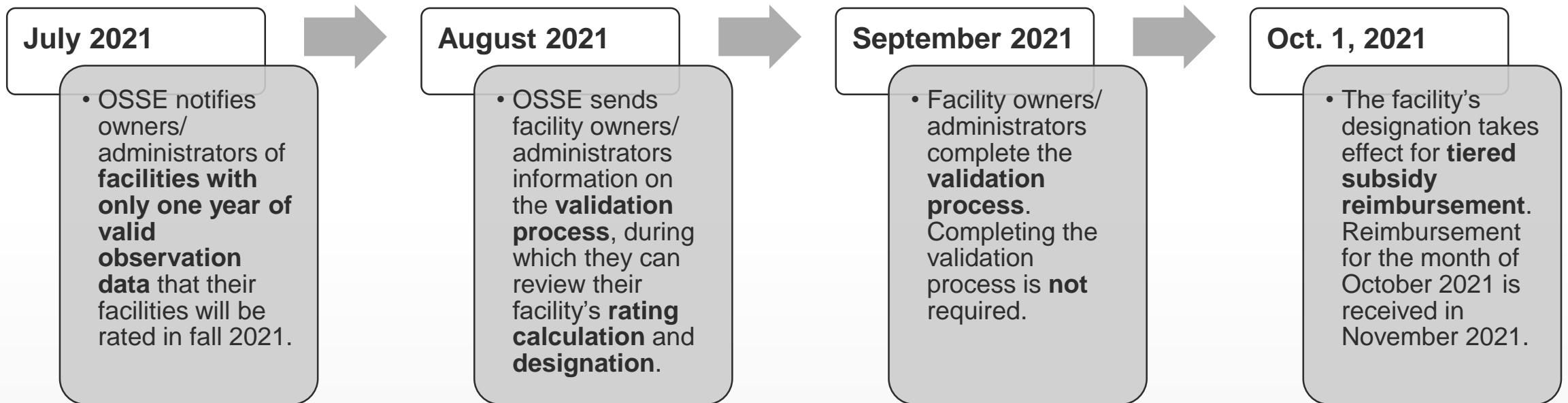
# Agenda

- Timeline for 2020-21 Capital Quality Rating and Designation Process
- Capital Quality Rating and Designation Overview
- Policies for Facilities with Only One Year of Valid Observation Data (i.e. Facilities Initially Designated Preliminary)
- Capital Quality Rating Calculation Using One Year of Valid Observation Data
- Next Steps



## Timeline for 2020-21 Capital Quality Rating and Designation Process

# Timeline for 2020-21 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.

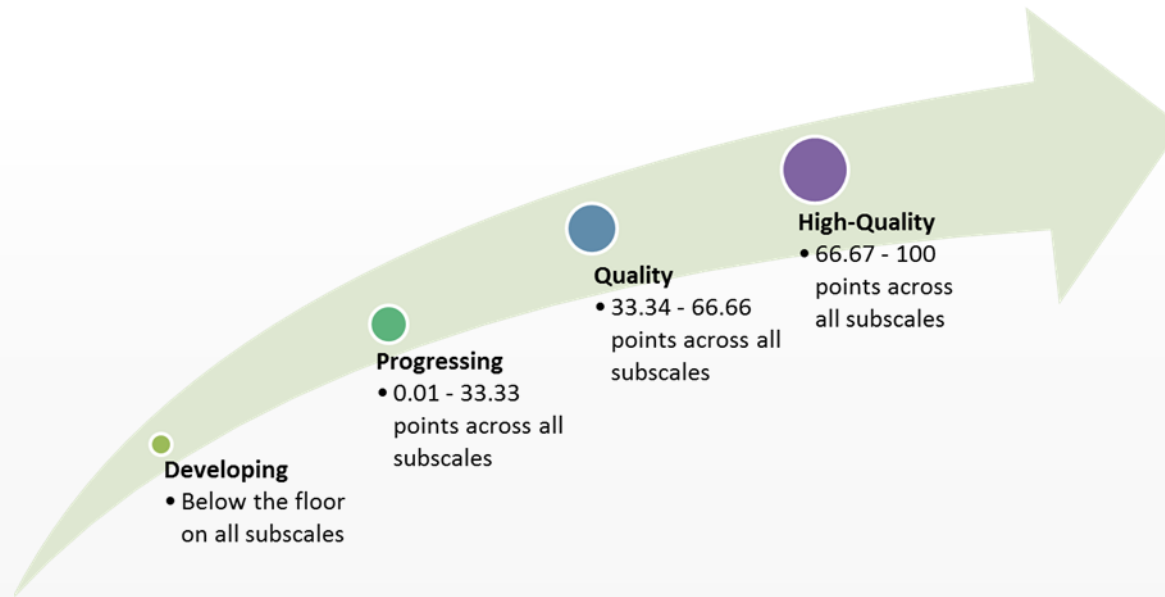
# Capital Quality Rating and Designation Definitions

## 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)<sup>1</sup>
- Family Child Care Environment Rating Scale, Third Edition (FCCERS-3)<sup>2</sup>

## Classroom Assessment Scoring System Pre-K (CLASS Pre-K)

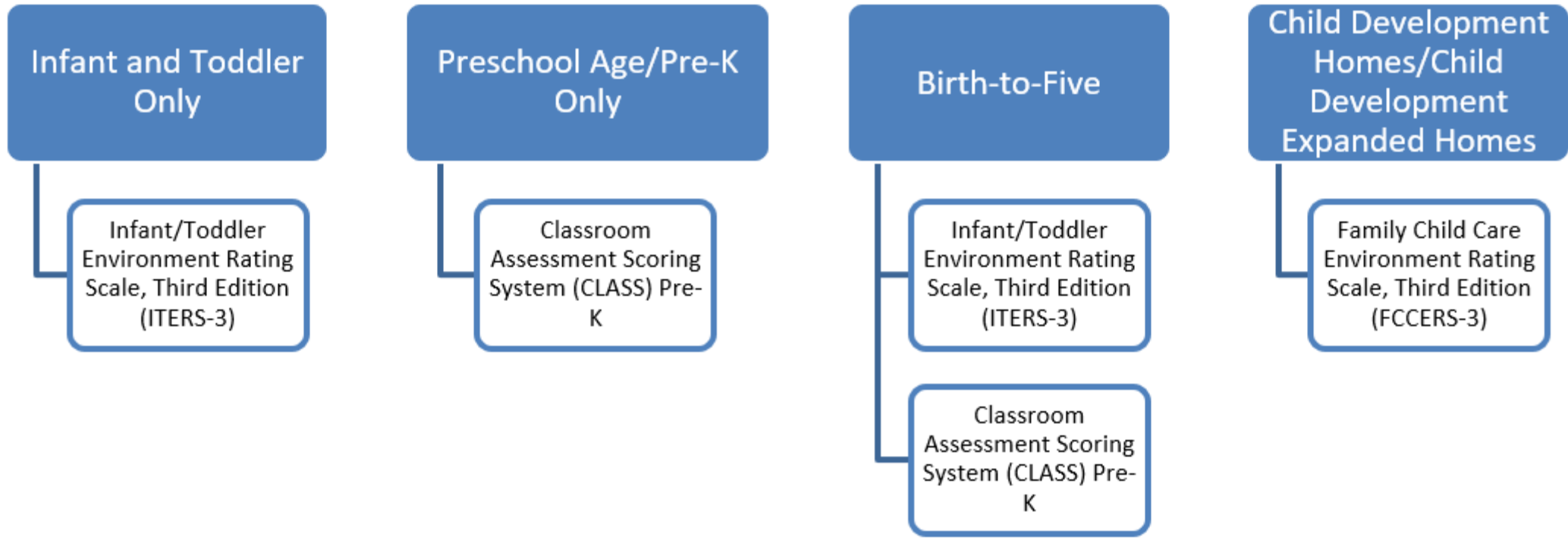
- Floors and targets for each metric are research-based.

1 Note: The Infant/Toddler Environment Rating Scale-Revised (ITERS-R) was used to conduct observations from 2016 through 2020. The ITERS-3, the latest edition of the metric, is now used in place of the ITERS-R. Valid observation data collected using the ITERS-R (i.e. program-level ITERS-R scores) will be used in the Capital Quality rating calculation until facilities have sufficient, valid observation data collected using the ITERS-3.

2 Note: The Family Child Care Environment Rating Scale-Revised (FCCERS-R) was used to conduct observations from 2016 through 2020. The FCCERS-3, the latest edition of the metric, is now used in place of the FCCERS-R. Valid observation data collected using the FCCERS-R (i.e. program-level FCCERS-R scores) will be used in the Capital Quality rating calculation until facilities have sufficient, valid observation data collected using the FCCERS-3.



# Capital Quality Frameworks and Metrics



# CLASS Pre-K Overview

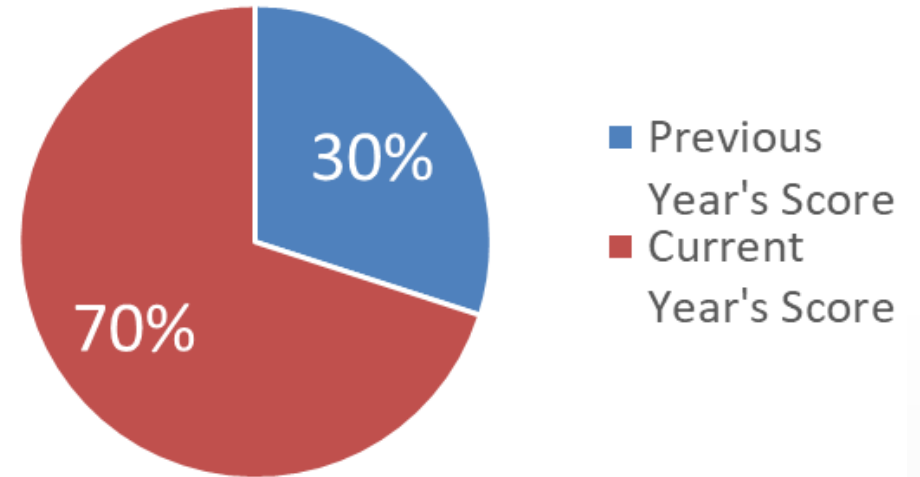
- CLASS Pre-K measures the quality of teacher-child interactions in preschool age classroom settings.
- The CLASS Pre-K metric is comprised of three domains, each with its own floor and target:
  - Emotional Support;
  - Classroom Organization; and
  - Instructional Support.
- Each domain is comprised of dimensions that are scored on a scale of 1 to 7 with higher scores indicating higher quality.

# 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?
<b>Emotional Support</b>	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; teachers consistently are flexible, go along with child's ideas and organize instruction around child interests
<b>Classroom Organization</b>	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
<b>Instructional Support</b>	Measures the ways in which teachers 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 be the two most recent program 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 program years (e.g., program year 2016-17 score used for previous year's score and program year 2018-19 score used for current year's score in rating calculation).



# Capital Quality Rating

- The Capital Quality rating for the Preschool Age/Pre-K Only framework is determined using each of the three CLASS Pre-K domain scores for the current year (70 percent) and previous year (30 percent) relative to the targets and the floors.

Total Possible Points	Total Possible Points: 100					
Possible Points by Year	Current Year: 70 Points			Previous Year: 30 Points		
CLASS Pre-K Domain Scores	ES 23.33	CO 23.33	IS 23.33	ES 10	CO 10	IS 10
Domain Points Earned	$23.33 * \frac{(\text{Current Year Score} - \text{Floor})}{(\text{Target} - \text{Floor})} + 10 * \frac{(\text{Previous Year Score} - \text{Floor})}{(\text{Target} - \text{Floor})}$					



**Policies for Facilities with Only One Year of Valid Observation Data (i.e. Facilities Initially Designated Preliminary)**

# Facilities with Only One Year of Valid Observation Data

- OSSE will calculate the Capital Quality rating and designation using one year of **valid observation data** from the **most recent year** in which valid observation data were collected for the facility **prior to the public health emergency**.
- For 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 will 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 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.

# Valid Observation Data Eligible for Use in Rating Calculations

- Due to the public health emergency, OSSE canceled 2019-20 ERS and CLASS Pre-K observations and offered voluntary 2020-21 CLASS Pre-K observations. No 2019-20 or 2020-21 observation data will be used in rating calculations; only valid observation data collected prior to the public health emergency will be used in rating calculations.

<b>Program Year During Which Observation Data Were Collected</b>	<b>May valid data collected during this program year be used in rating calculations?</b>
2015-16	Yes
2016-17	Yes
2017-18	Yes
2018-19	Yes
2019-20	No
2020-21	No







## 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> Score: 5.0  Target: 6 Floor: 4.5	<b>Classroom Organization</b> Score: 6.1  Target: 6 Floor: 4.5	<b>Instructional Support</b> Score: 2  Target: 4 Floor: 2
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The following formula is used to calculate the points earned in each domain when the facility has one year of data:

Points Earned for Each Domain

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

# Rating Calculation

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

## Emotional Support

$$33.3 \times \left( \frac{\text{Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)$$
$$33.33 \times \left( \frac{5.0 - 4.5}{6 - 4.5} \right)$$
$$33.33 \times \left( \frac{0.5}{1.5} \right) = \mathbf{11.11}$$

In this example, the Preschool Age/Pre-K Only facility earns **11.11 points** for Emotional Support.

# Rating Calculation

## Classroom Organization

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

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

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

$$35.55 \rightarrow 33.33$$

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.

# Rating Calculation

## Instructional Support

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

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

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

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

# 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:

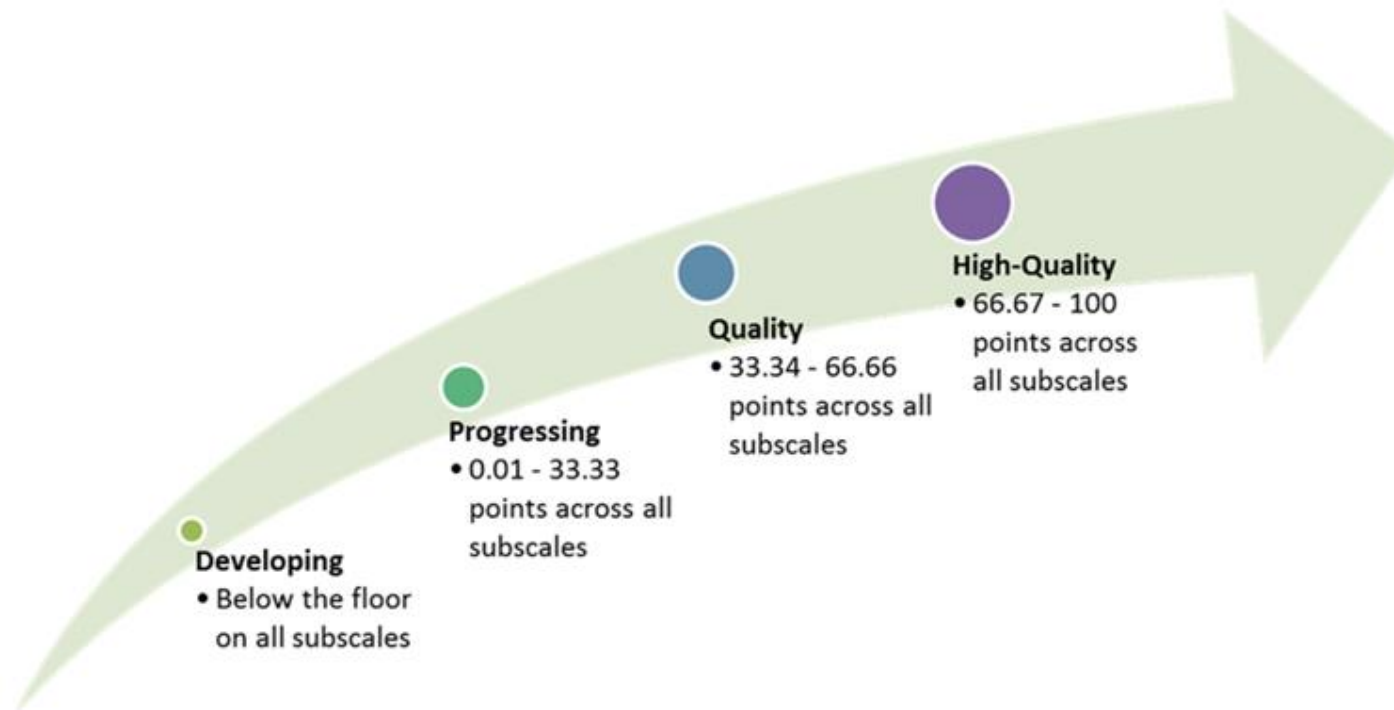
<b>Emotional Support</b>		<b>Classroom Organization</b>		<b>Instructional Support</b>
<b>11.11 points</b>	<b>+</b>	<b>33.33 points</b>	<b>+</b>	<b>0 points</b>

**= 44.44 points**

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**

# Rating Calculation



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 <https://osse.dc.gov/page/capital-quality-gris>.
- Available Technical Assistance: Office Hours

Date and Time Block	Link to Register
Wednesday, July 14, 2021, 4:30-6:30 p.m.	Use this link to register for a 20-minute slot within any of the date and time blocks: <a href="https://www.signupgenius.com/go/10C0C45A9A82FA6FBC52-capital">https://www.signupgenius.com/go/10C0C45A9A82FA6FBC52-capital</a>
Thursday, July 15, 2021, 9-11 a.m.	
Tuesday, July 20, 2021, 8:30-10:30 a.m.	
Wednesday, July 21, 2021, 4:30-6:30 p.m.	

- Expect email communication in August 2021 for the program year 2020-21 validation process.
- Email [CapitalQuality@dc.gov](mailto:CapitalQuality@dc.gov) with any questions after today's webinar.



**Thank you!**

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