QCIT Overview

(updated August 2022)
What is QCIT?

• The Quality of Care for Infants and Toddlers measure (QCIT; formerly called the Q-CCIIT measure)

• Evidence-based observational measure of the quality of caregiver interactions with infants and toddlers (0–36 months)

• Designed for center-based classrooms and family child care homes (FCCs)

• Developed by Mathematica and its partners with funding from the Office of Planning, Research, and Evaluation (OPRE) and the Office of Head Start (OHS) in the Administration for Children and Families (ACF). ACF holds the copyright for the Q-CCIIT tool.
What does QCIT measure?

• **Support for:**
  - Social and emotional development
  - Language and literacy
  - Cognitive development

• **Areas of concern**
What can QCIT be used for?

- Professional development
- Research
- Monitoring to inform administrator decision-making
QCIT is reliable and valid

- In 2012, there was a field test in 400 center-based classrooms and FCCs
- The field test showed:
  - Evidence of QCIT’s reliability and validity
  - QCIT is sensitive to differences in quality
Use of QCIT with diverse populations

• Currently, the QCIT materials and training are only available in English
• 31 percent of the children in the 2012 psychometric field test were dual language learners
• The QCIT User’s Guide provides guidance around cultural differences, age, and abilities that need to be considered for every item
QCIT aligns with research-based models, such as the Early Learning Outcomes Framework (ELOF)

<table>
<thead>
<tr>
<th>ELOF domains and associated subdomains</th>
<th>QCIT scales</th>
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<tbody>
<tr>
<td></td>
<td>Support for social and emotional development items</td>
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<tr>
<td><strong>Approaches to learning</strong></td>
<td>✓</td>
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<tr>
<td>Emotional, behavioral, cognitive self-regulation, initiative, curiosity, creativity</td>
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<tr>
<td><strong>Social and emotional development</strong></td>
<td>✓</td>
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<tr>
<td>Relationships with adult and with other children, emotional functioning, sense of identity and belonging</td>
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<td><strong>Language and communication</strong></td>
<td>✓</td>
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<td>Attending and understanding, communicating and speaking, vocabulary, emergent literacy</td>
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<tr>
<td><strong>Cognition</strong></td>
<td>✓</td>
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<tr>
<td>Exploration and discovery, memory, reasoning and problem-solving, mathematical thinking, imitation, symbolic representation, play</td>
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<tr>
<td><strong>Perceptual, motor and physical development</strong></td>
<td>✓</td>
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What makes QCIT unique?

• Addresses early childhood caregiving competencies across the 0–36 month age span

• Provides a single measure that can be used in multiple types of settings:
  - Single age infant classrooms
  - Single age toddler classrooms
  - Mixed age infant/toddler classrooms
  - Family child care classrooms (often mixed age)

• Same items, dimensions, and scores are available for infant and toddler classrooms

• Has unique content (e.g., supporting peer interaction and play)
How is a QCIT observation conducted?

Arrival

Cycle 1
Observe Caregiver 1

Cycle 2
Observe Caregiver 2

Cycle 3
Observe Caregiver 1

Cycle 4
Observe Caregiver 2

Cycle 5
Observe Caregiver 1

Cycle 6
Observe Caregiver 2

Around 2.5 hours

Coding based on the observation

Departure

Across the Visit Items
Responsiveness scale

1. Basic care only. Absence of what we are measuring.
2. Some of what we are measuring but might be inconsistent or inappropriate.
3. “Responsive” is characteristic but with room to grow.
4. Responsive while flexible to child needs, individualizing while balancing multiple demands.
### Example of a social-emotional item

#### D4. Support for Social Problem Solving Among Peers:
Caregivers help children learn to negotiate conflict with peers and help to reduce potential conflict situations. Caregivers may structure play to include adequate space and multiple toys and limited numbers of children in order to reduce the potential for conflict. Caregivers encourage and scaffold sharing among peers. Children may come to caregivers for assistance (for example, a child may tell a caregiver that another child is not sharing, or is taking a toy away from them). When conflict occurs, caregivers intervene but at the high end, caregivers support child-directed solutions rather than solving social problems for the children. **Code N/A if no social problems.**

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<td><strong>1.</strong></td>
<td>No support for social problem solving is provided. Immediately removes child or object without any further assistance or follow up.</td>
<td><strong>2.</strong></td>
<td>May separate children or remove an object that is causing conflict WHILE providing limited verbal support for problem solving. Does not provide support for sharing other than telling children “to share.” For infants, may distract or redirect a child as a way to resolve problem.</td>
<td><strong>3.</strong></td>
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<tr>
<td><strong>No support</strong></td>
<td><strong>Limited support</strong></td>
<td><strong>Responsive support</strong></td>
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What skill-set does a QCIT observer need?

Requirements:
• Must pass the QCIT certification exam to be a certified observer
• Must have the relevant language skills for the setting

Recommendations:
• Familiarity with early childhood settings
• Commitment to observing fairly by applying the QCIT codes (objectivity) and administering and coding the measure as learned in training (fidelity)
• Careful attention to detail
• Accurate note-taking skills
• Ability to use evidence to support scores
• Physically able to sit in low chairs or on floors and/or stand for long periods of time
Visit the QCIT website

https://mathematica.org/solutions/qcit

- Link to a product catalogue
- Upcoming events such as Mathematica’s trainings
- Watch a short video or a recorded webinar
- Informational flyer
- FAQs
- Links to resources
Key pathways to using the QCIT instrument

**QCIT Observer Certification Training:** Attend a QCIT observer certification training offered by Mathematica or a certified partner trainer. Pass the certification exam to become a certified QCIT observer.

**Rating form:** Certified and provisional QCIT observers obtain licenses to download and use the QCIT rating form to conduct observations.

**QCIT Training-of-Trainers (TOT):** Certified and experienced QCIT observers are eligible to register for a TOT to become partner trainers. Certified partner trainers can deliver QCIT observer certification trainings within their organization.

**Annual Recertification Exam:** QCIT observers and partner trainers take an annual recertification exam.

Visit [https://mathematica.org/solutions/qcit](https://mathematica.org/solutions/qcit) for more information.
Contact the Mathematica QCIT team

• By email: QCIT@mathematica-mpr.com
• By phone: 1-833-QCIT123 (833-724-8123)
Visit https://mathematica.org/solutions/qcit

Thank you!