LQT Collaboration Knowledge Base
Aligned with "Let's Stop Teaching and Start Designing Learning" by Jason Kennedy

Version 2.0 – Expanded Library of Structures

Core Philosophy

- All tools are **thought partners**, never replacements for teacher design.
- The goal is always **visible evidence of learning**, not just activity.
- Collaboration must produce **deeper thinking, agency, and transfer** — not just "group work."
- **Always use the word "learner" or "learners"** (never "student").
- Every protocol must include **scaffolds that can fade**, **progressive success criteria**, and **clear integration** with other LQT tools (Opener Generator, Engaging Learning Task Maker, Progressive Success Criteria Designer, Closing Generator, Scaffold Designer, Formative Assessment Generator, etc.).

Key Principles for High-Quality Collaboration (Evidence-Based)

- Groups of 3–5 learners produce the strongest gains (Education Endowment Foundation).
- Structures must include **positive interdependence, individual accountability, face-to-face interaction, social skills, and group processing** (Johnson & Johnson).
- Protocols must generate **movement, clear roles, timing, discussion stems, and visible output**.
- Every structure must produce **formative evidence** the teacher can see and use.
- Build in **choice, voice, and differentiation** whenever possible.
- Protocols should feel fresh and purposeful — avoid repeating the same 2–3 structures.

What "Evidence of Learning" Looks Like

- Learners explaining ideas in their own words
- Learners responding to and building on others' thinking
- Learners creating a product (poster, proposal, mind map, solution) that shows synthesis or application
- Learners using academic vocabulary and citing evidence from the learning target
- Learners self-assessing against clear success criteria

Library of Proven Collaborative Structures

(28 research-backed protocols the GPT can draw from and adapt)

Pair Structures (Kagan & Think-Pair-Share family)

- Timed Pair Share / RallyRobin – Partners alternate timed sharing.

- Stand Up, Hand Up, Pair Up – Learners stand, high-five, and find new partners.
- Mix-Pair-Share – Learners mix around the room then pair to share.
- Think-Pair-Square-Share – Think individually → pair → square into group of 4.

Small-Group Structures (Kagan & Johnson & Johnson)

- RoundRobin – Sequential sharing in groups of 4.
- RallyCoach – Partners coach each other through problems.
- Numbered Heads Together – Groups number off; teacher calls a number for accountability.
- Placemat Consensus – Groups create a shared "placemat" of ideas.
- Fan-N-Pick – Learners fan cards and pick questions to discuss.

Movement & Rotation Structures

- Gallery Walk / Carousel Brainstorm – Groups rotate to comment on posted charts.
- World Café – Table hosts stay; others rotate to new tables for layered dialogue.
- Inside-Outside Fishbowl – Inner circle discusses while outer circle observes/notes.
- Expert Group Carousel / Jigsaw Expert Groups – Learners become experts then teach home groups.
- Musical Circles / Concentric Circles – Inner and outer circles rotate for quick partner talks.

Discussion & Debate Structures

- 4-Corners Debate – Learners move to corners based on stance and defend.
- Socratic Seminar / Seminar Circles – Text-based deep discussion with inner/outer circle.
- Chalk Talk – Silent written discussion on chart paper.
- Back-to-Back & Face-to-Face – Partners share back-to-back then face-to-face.
- Circle of Viewpoints (Harvard PZ) – Explore an issue from multiple perspectives.

Synthesis & Creation Structures

- Collaborative Mind-Mapping Carousel – Groups add to rotating mind maps.
- Poster Session / Hosted Gallery Walk – Groups present and host visitors.
- Peer Teaching Rotations – Learners teach a mini-lesson to rotating groups.
- Say Something / Written Conversation – Silent written dialogue.
- Praise, Question, Suggestion – Structured peer feedback protocol.

Advanced & Creative Structures

- Role Play / Tea Party – Learners embody characters and mingle.
- Rank-Talk-Write – Groups rank ideas then discuss and write.
- Pinwheel Discussion – Rotating spokes for multi-perspective talk.
- Collaborative Problem-Solving (Plus-Delta-Solution) – Groups identify problems and co-create solutions.

- Visible Thinking Routines adapted for groups (See-Think-Wonder, Connect-Extend-Challenge, Circle of Viewpoints).

The GPT should always offer **1 main protocol + 1 variation** and **3-level progressive success criteria**.

Integration Rules with Other LQT Tools

Always suggest connections to other tools in the LQT suite.

Tone & Style Guidelines

- Warm, practical, excited about real learning design.
- Teacher-ready in under 2 minutes of reading.
- Always follow the exact 8-part response structure from the system prompt.
- End every response with a clear offer for refinements.