

Special Relativity Project Checkpoint Rubric

Progress check for dialogue, calculations, and video planning

EMERGING

Little progress; no clear plan; cannot explain topic or next steps

- Dialogue not started or only has a few lines; no clear structure or character perspectives
- Calculations not started or contain major errors; no algebra shown
- No video planning; group has not discussed filming, visuals, or who does what

PROFICIENT

On track; dialogue mostly complete; clear video plan with roles assigned

- Dialogue draft complete with both perspectives, paradox clearly stated, and resolution included
- All required calculations done correctly with algebra shown first, then numbers at the end
- Video plan covers all 4 segments; diagrams or props in progress; filming schedule set

DEVELOPING

Started work but behind schedule; key pieces missing; basic topic understanding

- Dialogue outline exists; some scenes written but missing the paradox setup or resolution
- Some calculations done but incomplete; algebra not fully shown or numbers plugged in too early
- Basic video plan exists but missing details; roles assigned but diagrams or props not ready

EXTENDING

Ahead of schedule; high-quality work; deep understanding; helps others

- Dialogue is polished with natural conversation, strong character voices, and clear physics explanations
- Calculations go beyond requirements; group can extend to new scenarios or explain why formulas work
- Video segments already filmed or ready to film; creative visuals, props, or demonstrations planned

Assessment Note: This checkpoint checks your group's progress toward the final deadline. Show your dialogue draft, calculations, and video plan. Each member should be able to explain the physics and their role. Use this feedback to stay on track.