

RT Texas Summer SAT Intensive – 8-Week Proposal

August 22 Digital SAT Prep · Summer 2026

Prepared for: RT Texas Academy Prepared by: RT PREP & IPE Date: May 27, 2026

Executive Summary

A personalized 8-week SAT intensive for RT Texas, designed around the August 22, 2026 Digital SAT test date. The RT PREP & IPE platform delivers per-student weakness routing, instructor-facing cohort analytics, four full mock exams, and a personalized final review packet. **Two subject-specialist instructors** (one Math, one R&W) each teach their own subject day, with Friday reserved for mock exams or mixed-review sessions. Students drill on their own laptops or iPads during class, supervised by the day's subject instructor.

Key points: - **Aligned to August 22 SAT** — program ends August 7, leaving two weeks of self-review with the final packet - **Aligned to Texas school calendar** — starts after public school ends (May 28) and finishes before school resumes (August 12) - **Subject-specialist staffing** — Math instructor + R&W instructor, each part-time. No single instructor required to master both subjects. - **Evidence-based lectures** — Phase 30.B cohort top-Rule auto-suggestion gives instructors 5-second lecture prep, per subject

Texas Summer 2026 Calendar

Event	Date
Texas public school last day	Thursday, May 28, 2026 (Dallas/Austin/San Antonio ISD)
Independence Day (academy closed)	Friday, July 3 – Saturday, July 4, 2026
Texas public school first day (2026-27)	Wednesday, August 12, 2026 (Frisco/Lake Travis/Coppell ISD)
Digital SAT test day	Saturday, August 22, 2026
SAT registration deadline (standard)	August 7, 2026
SAT score release	September 4, 2026

Summer availability: May 29 – August 11 (about 10.5 weeks) **RT Texas 8-week program window:** June 15 – August 7 (with Week 0 onboarding June 8 – 14)

Recommended Program Schedule

Three days per week, one subject per day:

Week	Monday (Math)	Wednesday (R&W)	Friday
0 (Jun 8 – 14)	Diagnostic + plan generation (at home, online) — no in-person session		
1 (Jun 15 – 19)	Algebra L1 – L5	Central Ideas	Mixed Review
2 (Jun 22 – 26)	Algebra L6 – L10	Evidence / Inferences	Math Category Test
3 (Jun 29 – Jul 3)	Adv Math R1 – R6	Words in Context	Independence Day — closed
4 (Jul 6 – 10)	Adv Math R7 – R12	Cross-Text	Mock 1 (Jul 10)

Week	Monday (Math)	Wednesday (R&W)	Friday
5 (Jul 13 – 17)	PSDA P1 – P5	Rhetorical Synthesis	Mixed Review
6 (Jul 20 – 24)	PSDA P6 – P10	Transitions	Mock 2 (Jul 24)
7 (Jul 27 – 31)	Geometry & Trig G1 – G10	Conventions	Mock 3 (Jul 31)
8 (Aug 3 – 7)	Weak Math Rule review	Weak R&W skill review	Mock 4 (Aug 7)
Self-review (Aug 8 – 21)	Personal Packet review at home		
Test day	Saturday, August 22 – Digital SAT		

Totals: 16 subject sessions (8 Math + 8 R&W) × 2 hours + 8 Friday sessions (4 Mocks + 3 Mixed Reviews + 1 Math Category Test) = approximately 50 hours of in-class time (excluding Independence Day).

Alternate Start Dates (Available on Request)

Start	End	Self-review window	Notes
Jun 15 (recommended)	Aug 7	2 weeks	Best alignment with Texas school calendar
Jun 8 (earlier start)	Jul 31	3 weeks	Begins right after school ends; longer recovery before test
Jun 22 (later start)	Aug 14	1 week	Ends after Texas school resumes (Aug 12); higher student load

Program Overview

Item	Detail
Duration	8 weeks (24 class days, 3 days per week)
Daily length	2 hours (warmup 5m + subject drill 80m + lecture 25m + breaks 10m)
Days per week	Monday (Math) / Wednesday (R&W) / Friday (Mock or Mixed Review)
Instructors	Math specialist + R&W specialist, each part-time
Homework	About 30 minutes of cheatsheet PDF reading or R&W audio lesson on off-days. No active drilling at home.
Target test	Digital SAT, August 22 (individual students may register for PSAT/NMSQT, PSAT 10, or PSAT 8/9 instead – Full SAT bundle is the program standard)
Audience	Grade 10 – 12 students registered for the August 22 SAT
Goal	DSAT score gain of +100 to +150 points, weak-Rule mastery, mock exam familiarity
Equipment	Laptop or iPad (student-owned or provided by RT Texas), reliable Wi-Fi

Why 3 Days per Week × 2 Hours (Research Basis)

Research finding: 2 – 4 week intensives are the market standard (Princeton Review Bootcamp 2 weeks, Compass 4 weeks, Elite 4 weeks). **An 8-week intensive carries the highest burnout risk** of any standard format — anti-burnout pacing is essential.

Model	Real-world example	Effect at 8 weeks
2 weeks × 5 days × 6+ hours	Princeton Review Bootcamp	Guaranteed burnout
4 weeks × 5 days × 3 hours	Elite, Compass	Motivation drops in second half
8 weeks × 3 days × 2 hours (RT Texas)	RT PREP & IPE design	Built-in recovery days + sustainable intensity + higher completion rate

Industry reporting (Sparkl, PrepScholar): 6+ hour days, 5 days a week, for 8 straight weeks produces emotional exhaustion that hurts test-day performance. **Alternate-day cadence + 2-hour sessions** yields the highest retention.

A Typical Subject-Day Session (Mon Math / Wed R&W, 2 Hours)

Time	Activity	Instructor Role
0:00 – 0:05	Warmup — students log in to the platform; attendance	Subject instructor takes attendance
0:05 – 0:45	Drill block 1 (40 min) — students work on <code>session.html</code> on their own device with personalized weakness routing in today's subject.	Subject instructor monitors the coach view — tracks cohort top Rules, supports students 1:1
0:45 – 0:50	Short break (platform displays an automatic break alert)	—
0:50 – 1:30	Drill block 2 (40 min) — students continue self-paced practice.	Instructor finalizes lecture materials
1:30 – 1:35	Short break	—
1:35 – 2:00	Lecture (25 min) — coach view auto-recommends today's top 1 – 2 cohort weaknesses in the subject. Instructor opens the relevant cheatsheet, walks through a worked example, calls on students to check understanding. Last 5 minutes: homework assignment.	Subject instructor lectures

Time breakdown: Drill 80 min (67%) + Lecture 25 min (21%) + Breaks/wrap 15 min (12%)

Friday Sessions (Mock or Mixed Review)

Mock Fridays (Weeks 4, 6, 7, 8) — 2h 14min full DSAT under real test conditions:

Time	Activity	Staff
0:00 – 0:10	Settle in, devices ready, test instructions	Both instructors present

Time	Activity	Staff
0:10 – 1:14	R&W Module 1 (32 min) + R&W Module 2 (32 min)	R&W instructor monitors
1:14 – 1:24	10-minute break	—
1:24 – 2:34	Math Module 1 (35 min) + Math Module 2 (35 min)	Math instructor monitors
2:34 – end	Auto-scoring + brief debrief	Both instructors

Mixed Review Fridays (Weeks 1, 5) — covering both subjects' top weaknesses:

Time	Activity	Staff
0:00 – 0:05	Warmup	Lead instructor (rotates by week)
0:05 – 0:35	Math drill 30 min (week's weakest Math Rule)	Math instructor present
0:35 – 0:40	Break	—
0:40 – 1:10	R&W drill 30 min (week's weakest R&W skill)	R&W instructor present
1:10 – 1:15	Break	—
1:15 – 2:00	Joint Q&A + targeted lecture (45 min) — both subjects	Both instructors

Math Category Test Friday (Week 2) — in-class Math Algebra category test (~50 questions, 50 min) + 30 min review + 30 min R&W audio scene recap.

Instructor Staffing (Option A — Subject Specialists)

Students	Math Instructor	R&W Instructor	Total Staffing
1 – 20	1 part-time (Mon + half of Fridays)	1 part-time (Wed + half of Fridays)	2
21 – 40	2 (split by grade or section)	2	4
41 – 60	3	3	6

Math instructor weekly hours (1 – 20 students): - Monday class: 2 hours - Friday: Mock days (4 weeks) full 2h + Mixed Review days (2 weeks) partial 1.5h + Math Category Test (Week 2) 2h = ~12 hours across 8 weeks - **Total ~28 hours over 8 weeks**

R&W instructor weekly hours (1 – 20 students): - Wednesday class: 2 hours - Friday: Mock days (4 weeks) full 2h + Mixed Review days (2 weeks) partial 1.5h = ~11 hours across 8 weeks - **Total ~27 hours over 8 weeks**

Total instructor hours = 55 hours (vs. single-instructor model 60 hours). Subject specialization at lower or equal labor cost.

8-Week Curriculum Detail

Week 0 · Onboarding (June 8 – 14, at home)

- Sign up for RT PREP & IPE
- Complete the 16-question Adaptive Diagnostic (IRT 2PL, ~20 minutes)

- RT Texas instructors review cohort weakness distribution in the coach view
- Personalized 8-week plan generated automatically per student

Week 1 (June 15 – 19)

- **Mon Math:** Algebra Rules L1 – L5 — linear equations, slope, systems
- **Wed R&W:** Information & Ideas — Central Ideas (audio scenes 1 – 4)
- **Fri:** Mixed Review — week’s weakest Math Rule + R&W skill

Week 2 (June 22 – 26)

- **Mon Math:** Algebra Rules L6 – L10 — inequalities, absolute value, function notation
- **Wed R&W:** Information & Ideas — Command of Evidence, Inferences (scenes 5 – 14)
- **Fri: Math Algebra Category Test** (~50 questions, 50 minutes) + review + R&W audio recap

Week 3 (June 29 – July 2)

- **Mon Math:** Advanced Math Rules R1 – R6 — quadratic intro, factoring, vertex
- **Wed R&W:** Craft & Structure — Words in Context, Text Structure (scenes 15 – 21)
- **Fri (Jul 3): Academy closed for Independence Day** — this week runs Mon + Wed only

Week 4 (July 6 – 10)

- **Mon Math:** Advanced Math Rules R7 – R12 — polynomial, nonlinear, function transforms
- **Wed R&W:** Craft & Structure — Cross-Text (scenes 22 – 28)
- **Fri (Jul 10): Mock 1** (Full DSAT, 2h 14m) — baseline score measurement
- Parent mid-program conference (15-minute 1:1 with each parent)

Week 5 (July 13 – 17)

- **Mon Math:** PSDA Rules P1 – P5 — percent, ratio, unit conversion
- **Wed R&W:** Expression of Ideas — Rhetorical Synthesis (scenes 29 – 35)
- **Fri:** Mixed Review

Week 6 (July 20 – 24)

- **Mon Math:** PSDA Rules P6 – P10 — statistics, data analysis
- **Wed R&W:** Expression of Ideas — Transitions (scenes 36 – 42)
- **Fri (Jul 24): Mock 2** — Phase 18 familiarity bonus +10 applied silently
- Cohort trend review by RT Texas director

Week 7 (July 27 – 31)

- **Mon Math:** Geometry & Trigonometry Rules G1 – G10
- **Wed R&W:** Standard English Conventions — Boundaries, Form/Structure/Sense (scenes 43 – 56)
- **Fri (Jul 31): Mock 3** — full test environment, Phase 21 advisory check

Week 8 (August 3 – 7)

- **Mon Math:** Top 5 weak Math Rules per student, intensive review
- **Wed R&W:** Top 5 weak R&W skills per student, intensive review
- **Fri (Aug 7): Mock 4** (Final) — under real test conditions
- Each student’s **Final Review Packet PDF** generated (6 pages: cover + how-to-use + top 5 weak Rules + test-week schedule)
- Parent final conference + end-of-program report

Self-review Window (August 8 – 21, at home)

- One Rule from the Final Packet per day
- Last 7 days before test: review only, no new material

- Last 3 days: light cheatsheet skim + early sleep
- **Saturday August 22: Test day**

Homework Policy (Passive Review Only – No Active Drilling at Home)

About 30 minutes per off-day:

Math Students

- Read the cheatsheet pages for the Rule covered in Monday’s lecture (4 categories × 5 pages PDF = ~20 pages per category)
- Watch the embedded Desmos worked-example videos

R&W Students

- Listen to Wednesday’s audio scene or the next one in sequence
- 70 total audio scenes (5 – 7 hours total runtime) – paced one per off-day across 8 weeks

Not Allowed

- Drilling problems on `session.html` at home – pollutes per-student data (copied answers, untimed solving)
- Self-administered mocks at home – only on Mock Fridays
- Khan Academy or other prep sites in parallel – splits cohort data

Honest disclosure: Passive review alone yields ~60 – 70% of the retention of active drilling. However, burnout risk over 8 weeks is dramatically lower with passive homework → **higher completion rate** → **better final score**. (Source: Sparkl + PrepScholar research)

Mock Exam Cadence

Week	Date	Purpose
Week 4	Friday Jul 10	Baseline measurement (Algebra + Advanced Math + early R&W)
Week 6	Friday Jul 24	Score trend check + Phase 18 familiarity bonus (+10) applied
Week 7	Friday Jul 31	Full test environment exposure + Phase 21 advisory check
Week 8	Friday Aug 7	Final diagnostic + input for the Final Review Packet

Mocks every two weeks meets the research recommendation of “weekly+ mocks at premium-tier programs” while avoiding mock fatigue.

What Students Receive

1. **Individual diagnostic + weakness report** (Week 0)
2. **Personalized 8-week plan** (auto-generated, prioritizes weak Rules)
3. **16 subject-specialist lectures** (8 Math + 8 R&W, 25 min each)
4. **4 full mock exams** (Full DSAT, scored against CB Practice Test 6 table)
5. **Authentic test environment** – identical to the CB Bluebook interface, with Phase 16 pretest mirroring
6. **Personalized Final Review Packet PDF** (Week 8) – 6 pages of test-week guidance
7. **24/7 platform access** – unlimited cheatsheet and audio review from home

8. **42 Math Rule cheatsheets** (Algebra L1 – L10, Advanced Math R1 – R12, PSDA P1 – P10, Geometry & Trig G1 – G10)
9. **70 R&W audio lessons** (ElevenLabs-narrated lesson scenes)

What Parents Receive

1. **Week 0 diagnostic report** — starting score + top 5 weaknesses + recommended test date
2. **Bi-weekly progress reports** — score trend + attendance + Rule mastery heatmap
3. **Week 8 final report** — diagnostic → Mock 4 score comparison + August 22 readiness recommendation
4. **Two parent-instructor conferences** — Week 4 mid-program, Week 8 final
5. **Mock score notifications** — within 24 hours of each mock, including the student's top 3 weaknesses

What the RT Texas Director Receives

1. **Coach view** — every student tracked on one screen (cohort + per-student)
2. **Daily cohort top 5 weak Rules per subject** — Phase 30.B; 5-second lecture prep for each subject instructor
3. **Phase 30.A visualizations** — Mock CB confidence band + familiarity bonus badge + easy-route advisory
4. **Attendance / dormancy alerts** — students who miss a session show up immediately
5. **CSV export** — internal reporting for RT Texas
6. **1-page student PDF reports** — for parent meetings

Pricing Model (Research-Based)

Market rates per hour for comparable programs:

Program	\$/hour	Notes
Compass Prep 4-week class	~\$50/hr	Group ≤15
Pittsburgh Prep 2-week	~\$54/hr	Group
Princeton Review Bootcamp	~\$30 – 50/hr	Group
Elite Summer Intensive	~\$40 – 70/hr	Group
Korea premium hagwon	~\$60/hr	Small group (4 – 8)
US 1:1 tutoring (C2, IvyMax)	\$75 – 100/hr	Private

RT Texas 8-week program (~50 hours in-class, ~55 total instructor hours): - RT PREP & IPE platform fee: \$19 per student per month × 2 months = **\$38 per student** (Stripe auto-billing) - **RT Texas tuition** (set by academy): **\$2,500 – \$3,500 per student** recommended - At \$50/hr × 50 hours, a group of 10 – 20 students lands around \$2,500 per student - Premium positioning: 4 full mocks + Final Packet PDF + 2 parent conferences + 16 subject-specialist lectures + personalized weak-Rule plan - **Academy bulk discount:** Available for cohorts of 10+ students

Information Needed from RT Texas

Before the program can be finalized, please confirm:

1. **Start date** — June 15 (recommended), June 8 (earlier), or June 22 (later)
2. **Expected enrollment** — for instructor staffing (10 / 20 / 30 / 40 students)
3. **Class days** — Mon/Wed/Fri (recommended) or another combination
4. **Time of day** — afternoon (e.g., 4 – 6 PM), morning, or evening
5. **Location** — main RT Texas campus, satellite location, or partial remote

Day 1 Setup Checklist (RT Texas Director)

Tasks to complete before the program begins:

- Collect student roster (email + grade + intended test + target score)
 - Decide whether RT Texas provides laptops/iPads or students bring their own
 - Send RT PREP & IPE signup link + onboarding email to students (7 days before Week 0 = June 1)
 - Confirm all diagnostics completed by end of Week 0 (June 14)
 - Review cohort weakness distribution in the coach view (Sunday June 14)
 - Finalize Math instructor and R&W instructor schedules (16 subject sessions + 8 Fridays = 24 dates)
 - Communicate mock dates to students and parents (Jul 10, Jul 24, Jul 31, Aug 7 — each 2h 14m)
 - Announce Independence Day closure (July 3 – 4)
 - Distribute cheatsheet PDFs to students/parents
 - Send parent welcome letter (8-week schedule + homework policy + mock dates + August 7 SAT registration deadline reminder)
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Platform Technical Requirements

- Laptop or iPad per student — Bluebook-compatible
 - Reliable Wi-Fi — must hold a 2h 14m mock without dropping (100 Mbps+ recommended)
 - PC monitor or projector at the RT Texas location — for instructors to display the coach view
 - Headphones — for R&W audio scene playback
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Next Steps

Once RT Texas confirms the five items above, RT PREP & IPE will prepare the following within one week:

1. **RT Texas-branded student registration page** + invitation email template
 2. **Instructor onboarding guide** — coach view walkthrough + Phase 30.B “Top Rule today” workflow (per subject)
 3. **Day 1 setup meeting** — Zoom or in-person with Daniel (RT PREP & IPE)
 4. **Parent welcome letter PDF** — 8-week schedule + homework policy + mock dates + August 22 test reminder
 5. **Sample lecture plans for Week 1** — Math + R&W, each based on simulated cohort weaknesses
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Unique Selling Points (for RT Texas Parent Recruitment)

Feature	RT Texas + RT PREP & IPE	Typical Academy
Per-student plan + daily cohort analysis	Yes — Diagnostic IRT 2PL + Phase 30.B per subject	No — single shared curriculum
4 mock exams + CB-aligned scoring	Yes — Practice Test 6 table	Variable — often ad-hoc scoring
Final Review Packet PDF	Yes — 6-page personalized	No — generic materials
Bi-weekly parent progress reports	Yes — auto-generated	Rare — usually end-of-term only
Subject specialist instructors	Yes — Math + R&W separately	Often one generalist instructor
Student workload + burnout risk	8 hours/week (6 class + 2 passive homework), low burnout	15 – 30 hours/week, high burnout

Contact: RT PREP & IPE — daniel.kim@ivypath.ai · Research sources: Princeton Review, Compass, Elite, Pittsburgh Prep, STARPREP, PrepScholar, Sparkl (2025 – 26 season)