

Multiview Technology — Fan Submission Policy (VO Category)

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1. Overview

The ****Visual-Only (VO)**** submission category enables fans to participate in the Cinnamon Toast Crunch grading experience through simplified photo-based submissions. VO entries are graded using the same strict Multiview AI standards as official Measurement-Verified (MV) specimens, but exclude physical measurement inputs. This ensures accessibility, consistency, and a playful community experience while preserving the prestige of official grading.

2. Submission Requirements

- 1 Exactly three images required: front, back, and side.
- 2 All images automatically resized to 1024×1024 pixels.
- 3 Accepted formats: JPEG, PNG, WEBP, HEIC/HEIF (auto-converted to JPEG).
- 4 Lighting suggestions displayed during submission but not enforced.
- 5 Measurements and weight entry disabled.

3. Technical Processing Pipeline

- 1 Uploaded images are normalized and converted to JPEG using Sharp.
- 2 TensorFlow CTC Detector confirms cereal authenticity before grading.
- 3 OpenAI Moderation API scans images for unsafe or inappropriate content.
- 4 Images are hashed to detect duplicate submissions.
- 5 AI grading uses the v1.7 (Strict+++) framework, returning full grade + curvature %.

4. Rate Limits and Moderation

- 1 Each IP address is limited to three VO submissions per 24-hour period.
- 2 Duplicate detection via perceptual hashing prevents regrading of identical pieces.
- 3 Grading is instant; public display occurs after a 1–2 minute moderation delay.
- 4 Moderation ensures valid content before a submission appears in the public archive.

5. Grading Policy

- 1 VO grades follow Multiview Grading Standards v1.7 (Strict+++) with 2–5% curvature ideal.
- 2 PSA 10 grades are possible but extremely rare (all subgrades ≥ 9.8 , perfect curvature).
- 3 Subgrade values are hidden; only the final PSA-style grade is displayed.
- 4 Curvature percentage is shown for transparency, preserving analytical depth.

6. Public Identity & Leaderboard

- 1 Fans may enter a three-character handle (A–Z, 0–9) for leaderboard display.
- 2 Handle is stored locally in the browser (cookie/localStorage) and tied to IP.
- 3 Top 5 fan-graded pieces appear on the website's main page under “■ Top Fan Grades.”
- 4 Leaderboard ranks by grade (descending) and submission date (most recent first).

7. Upgrade to Official (MV) Submission

All fan reports include a button labeled ***“Upgrade to Official”**, linking to a dedicated page that explains the Measurement-Verified submission process. This includes mailing, re-photographing, or providing new ruler/corner-reference imagery for full certification. Upgraded specimens are assigned new MV classification IDs and archived under official reports.

8. Digital Certificate Generation

Each VO submission generates a 2-page **Fan Edition Certificate** (PDF). The first page displays the specimen ID, grade, curvature %, user tag, and date. The second page features the Multiview logo, standard disclaimer, and conceptual quote. Certificates are automatically archived and linked to the user’s submission result.

9. Database & System Attributes

| Field | Description |
|------------------|--|
| submissionType | Always 'VO' for fan submissions. |
| userTag | Three-character name for leaderboard display. |
| curvature | Numeric curvature % (2–5 ideal). |
| frameworkVersion | v1.7 (Strict+++). |
| published | Flag for moderation delay (0 = pending, 1 = live). |

10. Experience Summary

The VO category invites the public into the Multiview ecosystem through structured, limited, yet authentic grading. Fans receive instant grading, official-style certificates, and community recognition while official submissions remain reserved for precision measurement. Together, both systems reinforce the hierarchy of documentation within the Cinnamon Toast Crunch Archive.