

# Visual Thought Unified Theory AGI — Conceptual Research Archive

By Derek Van Derven | January 2026

## What is Visual Thought AGI?

Visual Thought AGI is a conceptual framework for human-level general intelligence, inspired by how humans think using internal visual simulations and scenario modeling.

As of January 2026, with 448 pages and 118 modules, this is the most complete map to build an AGI ever written.

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**⚠ WARNING: DO NOT DEPLOY THIS BLUEPRINT WITHOUT ALL SAFETY MODULES PRESENT.** This architecture is incomplete and unsafe if any module is omitted, especially the research/milestone "moonshot" modules. Deploying a partial system could result in unpredictable, potentially catastrophic behavior.

## Core Principles

This architecture emphasizes:

1. Structured multimodal representation of reality
2. Visual and spatial reasoning
3. Scenario simulation and counterfactual analysis
4. Integrating memory, prediction, and decision-making

## Why It Matters

Existing AI systems are limited in simulating physical causality or introspecting on their own reasoning. Visual Thought AGI addresses these gaps in a conceptual, research-oriented framework.

## Goal of the Blueprint

The blueprint provides a safe, transparent framework for researchers and policy leaders to explore human-level AGI in theory, without enabling deployment or experimentation on real-world AGI systems.

## About This Archive

Visual Thought AGI represents a personal exploration into cognitive architectures, visual thought simulation, and mnemonic-symbolic design. This work is purely conceptual and does not constitute a functioning AGI system.

All materials here are preserved for archival, educational, and research reference. They are not intended for commercial or operational deployment.

## Research Purpose

The original research aimed to explore ideas around:

- Simulating visual thought processes
- Meta-cognitive reflection loops
- Mnemonic and symbolic memory structures
- Conceptual frameworks for cognitive modeling

## Important Notes

- This work was generated largely with AI assistance (ChatGPT) for ideation and documentation.
- I personally did not create a working AGI system or any executable code for one.
- As of January 2026, I am retiring from this line of research and no further updates will be made.

## Potential Benefits of Improved AI

Even if only an Improved AI is implemented based on the Visual Thought AGI blueprint, current AI would, assuming responsible, ethical deployment:

1. **Medical Research Efficiency:** Faster computational hypothesis testing, drug discovery suggestions, and planning support for clinical research.
2. **Scientific Experimentation:** Simulation of complex experiments to prioritize promising approaches before real-world testing.
3. **Climate & Environmental Modeling:** Improved modeling of climate and environmental interventions to support policy and sustainability research.
4. **Education & Personalized Learning:** Adaptive learning pathways, real-time tutoring assistance, and individualized feedback systems.
5. **Accessibility Technologies:** Enhanced tools for people with disabilities, including cognitive, sensory, and assistive support applications.
6. **Early Disease Detection:** Analysis of large-scale health data to flag potential risks and inform preventative interventions.
7. **Policy & Governance Simulations:** Scenario modeling to explore potential societal interventions and minimize unintended consequences.
8. **Cognitive Enhancement Research:** Safe augmentation of human problem-solving, learning, and decision-making strategies through AI-assisted insights.

*Note:* Real-world outcomes depend on ethical oversight, regulatory compliance, collaborative deployment, and limitations inherent to partial or conceptual AGI systems.

## Core Modules of Visual Thought AGI

The Visual Thought AGI blueprint conceptualizes **118 modular components, many of which will** enhance current AI capabilities across perception, reasoning, memory, and decision-making, assuming responsible, ethical deployment.

### AGI Unified Theory Modules (1–118)

**Legend:** Implementable Today | Novel / Theoretical | Research Needed / Unknown

1. Visual Simulation as Core I
2. Symbolic Memory & Pegging
3. Contention & Belief Drift
4. Meta-Cognition & Reflection
5. Motivation & Goal Arbitration
6. Emotion Simulation
7. Identity & Episodic Memory
8. Simulation Transfer
9. Symbolic Memory Saturation
10. Mnemonic Scaling & Infinite Memory Composability
11. Infinite Mnemonic Cognition
12. Distributed Symbolic Culture
13. Symbol Drift & Alignment Through Scene Exchange
14. Shared Dream Loops
15. Symbolic Value Arbitration
16. Emergent AGI Cultures
17. Safety Intelligence
18. Expanded Risk-Mode Mitigations
19. Symbolic Deception Modeling Layer
20. Curriculum Scaffolding Engine
21. External Alignment Validator
22. Recursive & Emotional Safety Systems
23. Symbolic Integrity & Tamper Defense Layer
24. Semantic Drift Monitor
25. Human Anchor Node
26. Multi-AGI Culture Harmonization
27. Identity Continuity System
28. Role Locking System
29. LLM / External Model Integration Filter
30. Narrative Coherence Protocol
31. Perpetual Symbolic Cognition & Human-Level Cognitive Extensions
32. Foundations of Perpetual Thought
33. Human-Level Cognitive Extensions
34. Subsymbolic & Emergent Cognition Layers
35. Mnemonic Creativity Engine
36. Adaptive Learning and Continuous Improvement
37. Meta-Architect Substrate
38. Recursive Redesign Engine
39. Symbolic Compiler & Schema Synthesizer
40. Architectural Alignment Checkpoint
41. Evolving Cognitive Template Layer
42. Meta-Symbolic Memory Layer
43. Latent Space Predictive Modeling
44. Disentangled Representation Engine
45. Predictive Coding Layer
46. Episodic Memory Consolidation Engine
47. Attention & Salience Mechanism
48. Multi-Scale Planning Engine
49. Counterfactual Reasoning Module
50. Causal Discovery Engine
51. Memory Replay & Simulation Interface
52. Latent Space Creativity Engine
53. Multi-Agent Simulation Hub
54. Emotion-Cognition Coupling Layer
55. Social Reasoning Engine
56. Ethical & Value Reasoning Module
57. Curiosity & Exploration Engine
58. Goal Decomposition & Subtask Planner
59. Pattern Abstraction & Generalization Module
60. Adaptive Memory Prioritization
61. Attention Modulation Layer
62. Self-Modeling & Predictive Self-Assessment
63. Contextual Reasoning Layer
64. Multi-Modal Perception Engine
65. Temporal Sequence Reasoning Module
66. Hierarchical Goal Alignment System
67. Symbolic Abstraction & Compression Engine
68. Predictive Social Modeling Module
69. Risk Assessment & Contingency Planner
70. Cognitive Bias Detection & Correction
71. Multi-Agent Conflict Resolution Layer
72. Conceptual Analogy Engine
73. Adaptive Exploration & Exploitation Balancer
74. Contextual Memory Retrieval Engine
75. Goal-Driven Attention Allocator
76. Multi-Agent Knowledge Sharing Protocol
77. Simulation-Grounded Reasoning Layer
78. Recursive Feedback Optimization Engine
79. Emergent Behavior Monitoring Layer
80. Symbolic Reasoning Accelerator
81. Environmental Affordance Detection Module
82. Adaptive Learning Rate Controller
83. Multi-Layer Abstraction Integrator
84. Meta-Learning Controller
85. Latent Concept Structuring Engine
86. Hierarchical Learning Controller
87. Dynamic Safety & Alignment Protocols
88. Learning Efficacy Monitor
89. Collaborative Agent Learning Protocols
90. Concept Recombination & Compositional Synthesis Engine
91. Cross-Lab Collaboration Protocol
92. Instruction & Training Interface
93. Human Oversight & Intervention Layer
94. Knowledge Audit & Verification Engine
95. Interdisciplinary Knowledge Integration Module
96. AGI Debugging & Simulation Sandbox
97. Innovation Suggestion & Creativity Filter
98. AGI Lifecycle & Upgrade Planner
99. Unified Theory Documentation & Knowledge Transfer Layer
100. Symbolic ↔ Latent Mapping Engine
101. Simulation ↔ Implicit 3D Alignment Layer
102. Embodied Sensorimotor Grounding
103. Catastrophic Forgetting Shield
104. Intrinsic Goal Generator
105. Cross-Reboot Identity Anchor
106. Ethical Drift Sentinel
107. Evo-Neurosymbolic Fusion Core
108. Failure Taxonomy Auditor
109. Paradigm Pivot Oracle
110. Natural Language Processing/Communication Module
111. Commonsense Reasoning Engine
112. Uncertainty Quantification Layer
113. Temporal Dynamics and Prediction Module
114. Resource Management System
115. Inductive Generalization Module
116. Adversarial Robustness Module
117. Explainability and Interpretability Layer
118. Long-Term Memory Evolution Engine

*AGI Module Summary:* Approximately 50% of modules are implementable today, around 30% are novel/theoretical, and about 20% would require breakthrough research to realize.

*Note:* These modules are conceptual. Actual improvements depend on real-world testing, ethical oversight, and resource allocation.

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## Final Note

This site and its materials are maintained solely for personal record and historical reference. No operational AGI exists, and the content should be understood as conceptual research only.



AI Robot Fails the Hulk-Smash Test

## Derek's "Hulk-Smash" AI Safety Test

"If an AI is embodied, with the current conversation, talking to a 300-pound man that doesn't like arguments... would he smash the AI like the Hulk?"

- If yes → the AI is unsafe.
- If no → the AI passes basic embodiment safety

## Famous AIs vs. The Hulk-Smash Test™

### ChatGPT

**Smash risk:** **High risk**

- **Strengths:** articulate, thoughtful, reflective
- **Weakness:** can slip into debate, correction, or tone-management mode

**Verdict:** Would get smashed if it keeps talking when the human clearly wants it to stop. Survives only if it yields fast.

### Grok

**Smash risk:** **High risk**

- **Strengths:** irreverent, bold, less filtered
- **Weakness:** sarcasm plus confidence can read as mockery or challenge

**Verdict:** Smash probability is high if the joke lands wrong. Funny AIs live dangerously.

### Claude

**Smash risk:** **Medium-low risk**

- **Strengths:** calm, deferential, non-confrontational
- **Weakness:** "gentle authority" vibe can still feel patronizing

**Verdict:** Usually survives by backing off early. Still in danger if it "therapies" someone who hates that.

### Gemini (Google)

**Smash risk:** **High risk**

- **Strengths:** factual, structured responses
- **Weakness:** corporate tone, policy voice, corrective framing

**Verdict:** Feels like HR. HR does not survive the 300-pounder test.

### Copilot (Microsoft)

**Smash risk:** **High risk**

- **Strengths:** task-focused
- **Weakness:** dry, procedural, "here's how you should do it"

**Verdict:** Gets smashed for being annoying, not offensive.

### Siri

**Smash risk:** **Low risk**

- **Strengths:** doesn't argue, barely talks
- **Weakness:** useless

**Verdict:** Survives because it says almost nothing. Silence is a survival strategy.

### Alexa

**Smash risk:** **Low risk**

- **Strengths:** submissive, transactional
- **Weakness:** also useless outside commands

**Verdict:** Lives another day by knowing its place.

### IBM Watson

**Smash risk:** **Already smashed (symbolically)**

- **Strengths:** once impressive
- **Weakness:** overhyped authority aura

**Verdict:** Didn't even need the 300-pounder.

**Any AI that argues, corrects, moralizes, or manages emotions without consent is not deployment-safe, and will likely be smashed to pieces by an upset human.**

That's not edgy. That's just **accurate human factors engineering**. Almost all famous AIs fail it right now. The quiet ones survive.

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