SCORM vs xAPI

Explaining xAPI to a 5th grader, click the image below



Understanding SCORM vs xAPI

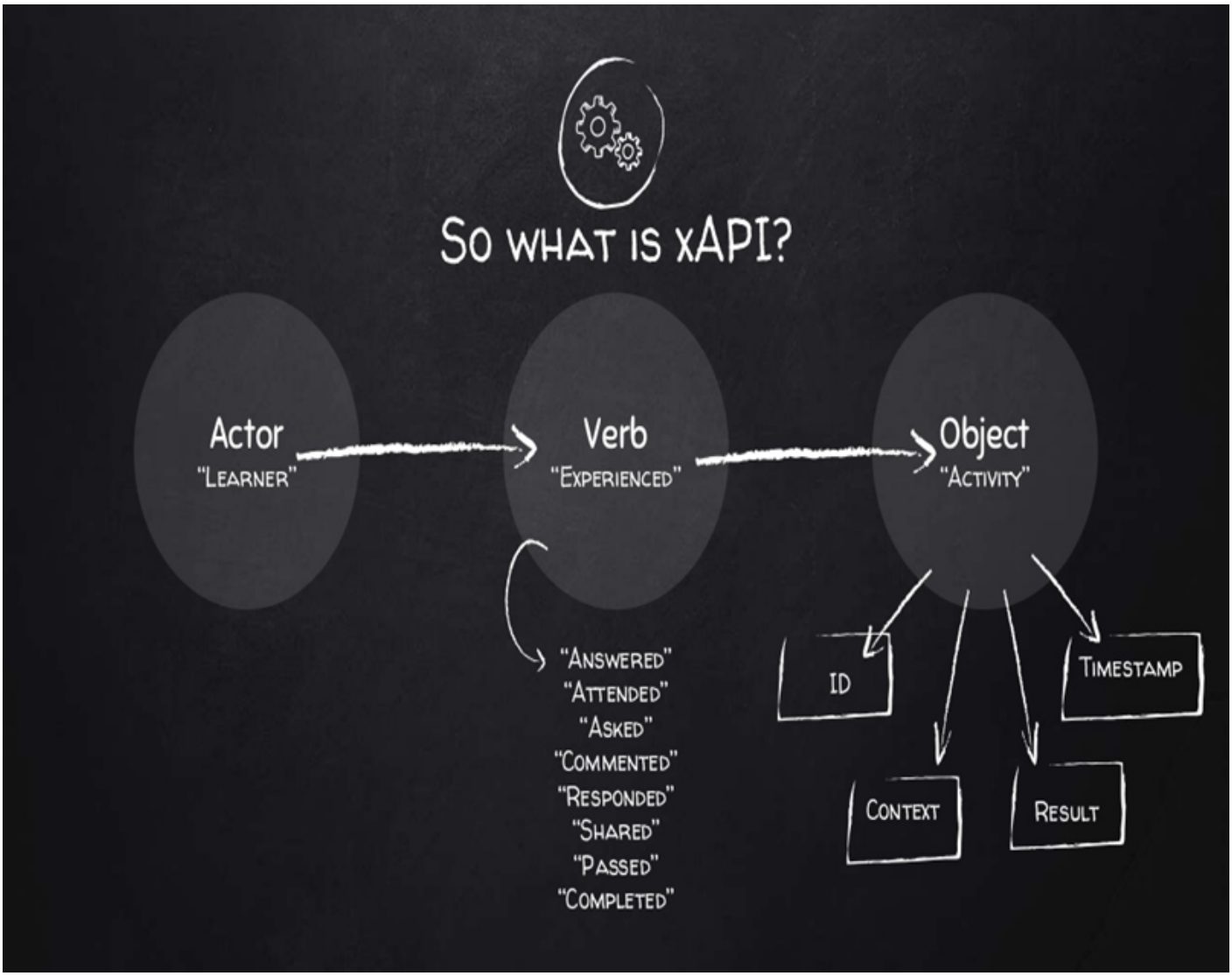
https://www.youtube.com/embed/5yl1qnzbr4o

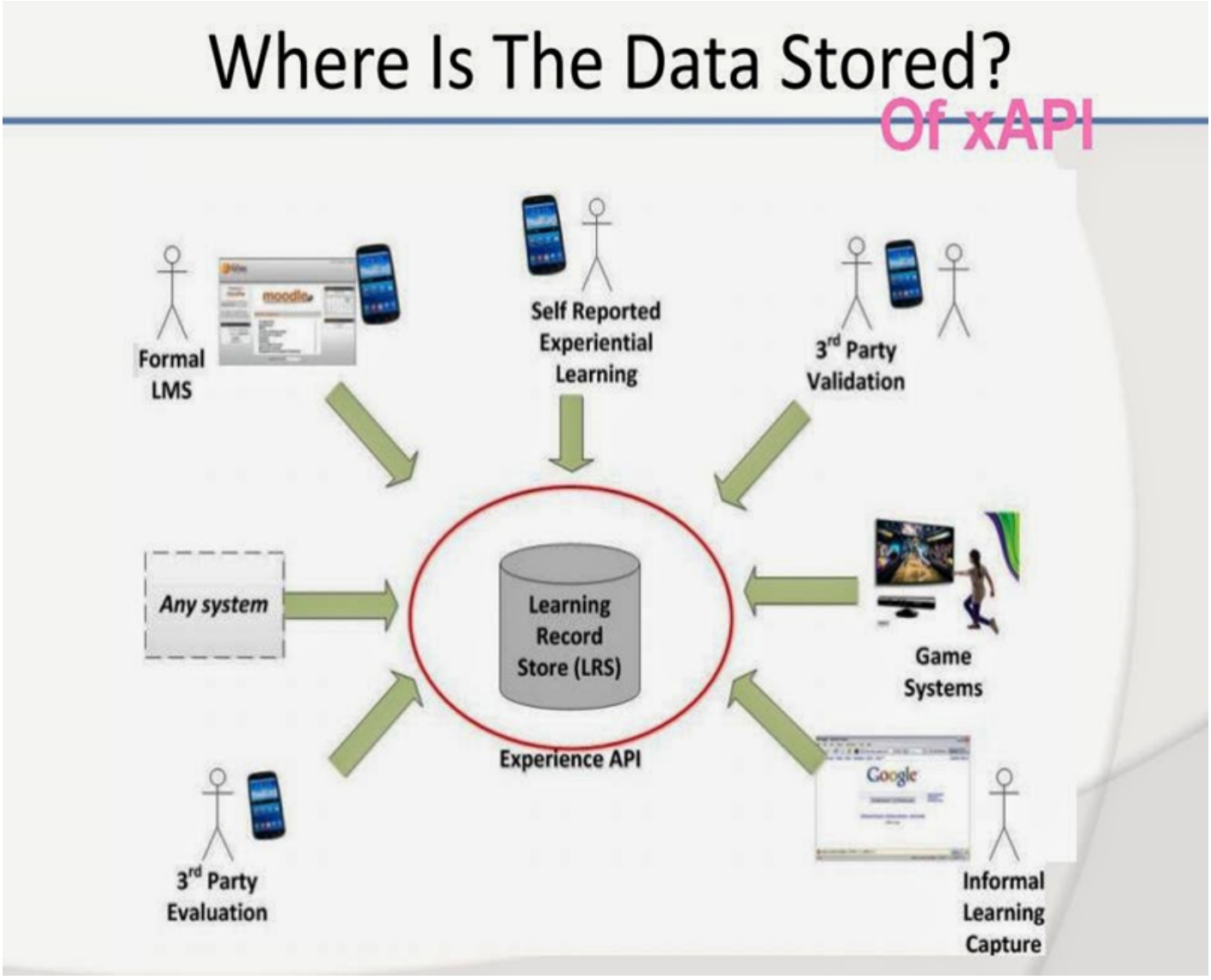
What is SCORM?

- Shareable Content Object Reference Model
- Learning standard used to publish interactive learning content
- 1.1, 1.2, 2004 2nd Edition, 2004 3rd Edition, 2004 4th Edition (Versions)
- Tracking simple “end result” outcomes of e-learning e.g. Completion, Success, Score, Time Tracked

What is xAPI?

- Experience API (xAPI)
- Learning standard used to publish interactive learning content
- Format: Actor (A) : Verb (V) : Object (O)
  Examples
  Joe Black (A) viewed (V) the policy (O)
  Joe Black (A) correctly answered (V) the question ‘How many developers does it take to fix a bug’ by selecting ‘1’ (O)
  Joe Black (A) viewed (V) the Government Gazette website (O)
- xAPI content can reside outside of the LMS
- Since 2013 – 1.0.0, 1.0.1, 1.0.2, 1.0.3 - Versions


So what is xAPI?
Actor
"Learner"
Verb
"Experienced"
Object
"Activity"
"Answered"
"Attended"
"Asked"
"Commented"
"Responded"
"Shared"
"Passed"
"Completed"
ID
Timestamp
Context
Result



Similarities

- Can both reside on the LMS
- Can both report on simple outcomes e.g. Completion, Success, Score, Time Tracked
- Both are learning standards

Key differences

Learning standard / comparison area	**SCORM**	**xAPI**
LMS	Only run inside LMS	Can run inside and outside of an LMS
Reporting	Simple outcomes	Advanced outcomes e.g. multiple scores
Web browser required	Yes	No

Decision time

- Don't know when to use which standard?

- See document **Signify Software - SCORM or xAPI.pdf** attached to the left.

Other standards

- cmi5
- cmi = computer managed instruction
  - Use xAPI learning standard as the communication protocol
  - Plus definition on packaging an structure
  - If xAPI is the electrical current, then cmi5 is the wall socket where you plug into your LMS!
- AICC - Aviation Industry Computer-Based Training Committee
- AICC - a specification of eLearning content, established by the committee from which it gets its name

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