

# 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?

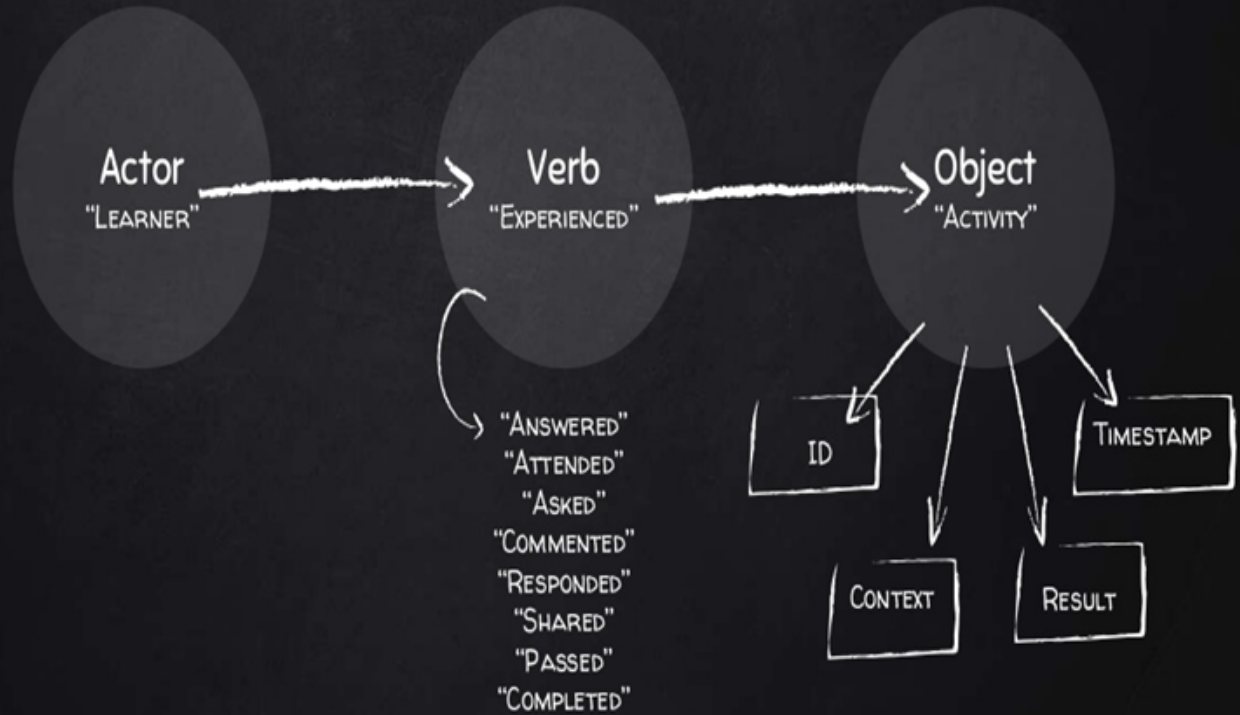
- Shareable Content Object Reference Model
- Learning standard used to publish interactive learning content
- 1.1, 1.2, 2004 2nd Edition, 2004 3rd Edition, 2004 4th Edition (Versions)
- Tracking simple “end result” outcomes of e-learning e.g. Completion, Success, Score, Time Tracked

### 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?



# Where Is The Data Stored?

## Of xAPI



## 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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