**Smart Search using LRMI metadata**

* 1. Explain background
     1. Explain this came about from PMT data analysis (the next demo)
        1. Knowledge Graph concepts
     2. Show ePlanner search and hmhco search – no way to connect the search result elements to a conceptual framework
     3. No way to in-line preview the student user experience before assigning
  2. Show the LRMI metadata store
     1. State we can share content metadata with a third party or customer environment just by providing the html metadata files
     2. Show the MDS data – more complicated to port as HMH proprietary and needs an API to a Mark Logic database.
     3. <http://hmhatciapp01.hmco.com:9000/v1/search?q=HMH_ID:GM_FL15E_DIF_G07U04L02D1S27_0046&collection=Resources&options=search-xml&view=results> using search/search
  3. Show LRMI sample metadata
     1. What parts are MDS and what parts are LRMI from Knowledge Graphs
     2. Show the underlying html and the LRMI parts of it ‘hasPartOf’, ‘isPartOf’
     3. Show the MDS search and how it is different
  4. Start the search page
  5. Show concepts and pre-concepts.
     1. Mention we can also show post-concepts
  6. Show navigation drill-down to ‘more like this’
  7. Show content launch
     1. Say we use Google OAuth 2.0 within an LTI launcher for secure content access
     2. Say we can use HMH Identity or Social media identity so this search can work in K-12 or Consumer environments