



Houston ISD Meta Tagging Protocol

Metadata tags for keywords and Learning Objectives

HISD requires content providers to tag resources to keywords and Texas Essential Knowledge and Skills (TEKS) standards. All resources should contain learning objectives that are tagged to the Student Expectation level. The keywords should not be limited to the verbiage used in the TEKS standards. Other words that are commonly used to describe a resource can also be used as a key word. The purpose of the keywords is to make the resource easy to find in the library when performing a keyword search.

In general, HISD wants to see each asset tagged with:

- Asset title that includes the source text name
- Brief description of the asset
- Grade level (for non-high school courses) or course
- Type of asset (e.g., quiz, lab, student practice, etc.)
- Intended user (e.g., teacher, student, all)
- Keywords associated with the asset (that will result in a relevant and sufficient list of materials in a search)
- State standards (TEKS/SE's) correlated to the asset
- Several examples are provided below. HISD considers both content providers' initial efforts at tagging to be acceptable. HMH's duplicated text title tags along with the text ISBN are superfluous, and its asset descriptions have been truncated (due to an initial ITSL tagging character number limits, which has now been removed), but a keyword or standard search on either content providers' materials will result in a relevant and sufficient list of materials.

Examples:

a) Lesson within a chapter of the text (Pearson Education Grades 9 - 11 Science; keyword search for “mitosis”

Cell Division: The Process of Cell Division Student eText Lsn View resource

by **Pearson Education** Add to...
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☆☆☆☆☆ (0) LTI tool Published on Thursday, April 20, 2017

Description
The Student eText presents the content necessary for a deep understanding of mitosis and cell division.

Reviews
This content hasn't been reviewed yet. Add it to a course and be the first to write one!

LEARNING OBJECTIVES
SCI.9-11.4.A SCI.9-11.4.B
Show 2 more

KEYWORDS
10 anaphase and Cell cell cycle
cell division Chapter Chapter 10: Cell Growth and Di
chromatid chromatin chromosome
chromosomes cytokinesis Division etext
eukaryote eukaryotes eukaryotic cell
eukaryotic cell cycle eukaryotic cells explain
Growth interphase Learn Lesson
Lesson 10.2: Learn Lesson 10.2: The Process of Ce Lsn

b) Student practice material (HMH 3rd Grade Science; keyword search for “force”):

Inquiry Flipcharts: Measure the Force / Forces Acting on a Compass View resource

by **Houghton Mifflin Harcourt** Add to...
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☆☆☆☆☆ (0) LTI tool Published on Thursday, September 17, 2015

Description
In the "Measure the Force" activity, students will: Follow directions for an investigation of the effects of gravity on objects. Materials: classroom objects; spring scale; string.

Reviews
This content hasn't been reviewed yet. Add it to a course and be the first to write one!

LEARNING OBJECTIVES
SCI.3.2.C SCI.3.4.A
Show 1 more

KEYWORDS
force forces acting on a compass forces and work
gravity lesson 4 lesson 4 inquiry flipchart
measure the force unit 5 weight
what is gravity? 9780544071261 Hands-On Inquiry
HMH TX Science Fusion Grade 3
HMH TX Science Fusion Grade 3 2015 inquiry flipcharts
Lesson 4 : What Is Gravity? Student Resources
Unit 5: Forces and Work

c) Student quiz (Pearson Education Grade 9 - 11 Science; keyword search for "Cell"):

Cell Division: Lesson 10.3: Quiz View resource ✕

by **Pearson Education** Add to...

☆☆☆☆☆ (0) LTI tool Published on Thursday, April 20, 2017

Description
Complete the Lesson 10.3 Quiz.

Reviews
This content hasn't been reviewed yet. Add it to a course and be the first to write one!

LEARNING OBJECTIVES
SCI.9-11.5.A SCI.9-11.5.D

KEYWORDS
10 and apoptosis Assess assessment
cancer Cell cell cycle cell division
cell repair Chapter Chapter 10: Cell Growth and Di
Cycle cyclin cyclins Division evaluate
external regulator external regulators Growth
growth factor growth factors internal regulator
internal regulators Lesson Lesson 10.3: Assess
Lesson 10.3: Regulating the Ce lesson quiz