Appendix II: LRMI Additions to Schema.org

**Table 8: LRMI Additions to Schema.org/CreativeWork**

|  |  |  |
| --- | --- | --- |
| **Property** | **Expected Type** | **Description** |
| educationalAlignment | schema.org/AlignmentObject | An alignment to an established educational framework |
| educationalUse | schema.org/Text | The purpose of the work in the context of education:  Ex. “assignment”  Ex. “group work” |
| timeRequired | schema.org/Duration(ISO8601) | Approximate or typical time it takes to work with or through the learning resource for the typical intended target audience  Ex. “PT30M”  Ex. “PT1H25M” |
| typicalAgeRange | schema.org/Text | The typical range of ages of the content’s intended end user  Ex. “7-9”  Ex. “18-“ |
| interactivityType | schema.org/Text | The predominant mode of learning supported by the learning resource. Acceptable values are active, expositive, or mixed. |
| learningResourceType | schema.org/Text | The predominant type or kind characterizing the learning resource  Ex. “presentation”  Ex. “handout” |
| useRightsURL | schema.org/URL | The URL where the owner specifies permission for using the resource |
| isBasedonURL | schema.org/URL | A resource that was used in the creation of this resource. This term can be repeated for multiple sources. |

**Table 9: Other important characteristics of learning resources that are covered by Schema.org properties of CreativeWork**

|  |  |  |
| --- | --- | --- |
| **Property** | **Expected Type** | **Description** |
| name | schema.org/Text | The title of the resource |
| about | schema.org/Thing | The subject of the content |
| dateCreated | schema.org/Date | The date on which the resource was created |
| author | schema.org/Person | The individual credited with the creation of the resource |
| publisher | schema.org/Organization | The organization credited with the publishing of the resource |
| inLnaguage | schema.org/Language | The primary language of the resource |
| accessibilityAPI | Text | Indicates that the resource is compatible with the referenced API (WebSchemas lists possible values) |
| accessibilityControl | Text | Identifies input methods that are sufficient to fully control the described resources (WebSchemas lists possible values) |
| accessibilityFeature | Text | Content features of the resource, such as accessible media, alternatives, and supported enhancements for accessibility. (WebSchemas wiki lists possible values). |
| accessibilityHazard | Text | A characteristic of the described resource that is physiologically dangerous to some users. Related to WCAG 2.0 guideline 2.3 (WebSchemas wiki lists possible values). |
| license | Url or Creative Work | A license document that applies to this content, typically indicated by URL. |

**Table 10: LRMI properties of AlignmentObject**

| **Property** | **Expected Type** | **Description** |
| --- | --- | --- |
| alignmentType | Text | A category of alignment between the learning resource and the framework node. Recommended values include “assesses”, “teaches”, “requires”, “textComplexity”, “readingLevel”, “educationalSubject”, and “educationLevel” |
| educationFramework | Text | The framework to which the resource being described is aligned |
| targetDescription | Text | The description of a node in an established educational framework |
| targetName | Text | The name of a node in an established educational framework |
| targetURL | URL | The URL of a node in an established educational framework |

**Table 11: LRMI properties of EducationalAudience**

|  |  |  |
| --- | --- | --- |
| **Property** | **Expected Type** | **Description** |
| educationalRole | schema.org/Text | The role that describes the target audience of the content |