

1. Core Standards Application Programming Interfaces (REST APIs)

1.1 GET api/publisher

Retrieves a list of all publishers.

Method: Get

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/publisher>

Sample JSON Response:

```
{ "status": "success",  
  "errors": [],  
  "warnings": [],  
  "validationsPassed": [],  
  "payload": [{  
    "key": "SBAC",  
    "name": "SBAC"  
  } ] }
```

1.2 GET api/publisher/{publisherKey}

Retrieves a publisher by a given key.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/publisher/SBAC>

Sample JSON Response:

```
{ "status": "success",  
  "errors": [],  
  "warnings": [],  
  "validationsPassed": [],  
  "payload": [{  
    "key": "SBAC",  
    "name": "SBAC"  
  } ] }
```

1.3 GET api/subject?publisher={publisherKey}

Retrieves subjects for which a given publisher contains publications. If publisher is omitted, retrieves all subjects.

Method: Get

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/subject?publisher=SBAC>

Sample JSON Response:

```
{ "status": "success",  
  "errors": [],  
  "warnings": [],  
  "validationsPassed": [],  
  "payload": [ ] }
```

```
"payload":[
  {"key":"ELA","name":"English Language Arts","code":"ELA"},
  {"key":"MA","name":"Mathematics","code":"MA"}
]]
```

1.4 GET api/subject/{subjectKey}

Retrieves subject by a subject key.

Method: Get

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/subject/ELA>

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [
    { "key": "ELA", "name": "English Language Arts", "code": "ELA" } ] }
```

1.5 GET api/grade

Retrieves a list of all grades.

Method: Get

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/grade>

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [
    { "key": "1", "name": "1", "description": null },
    { "key": "2", "name": "2", "description": null },
    { "key": "3", "name": "3", "description": null }
  ]
}
```

1.6 GET api/publication?publisher={publisherKey}&subject={subjectKey}

Retrieves publications for a given publisher and subject.

Method: Get

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/publication?publisher=SBAC&subject=ELA>

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [ {
    "key": "SBAC-ELA-v1",
    "fkPublisher": "SBAC",
    "version": "1.0",
```

```

    "description": "Common Core ELA Standards",
    "fkSubject": "ELA",
    "subjectLabel": "English Language Arts",
    "status": null
  ] ] ]

```

1.7 GET api/publication/{publicationKey}/standard?grade={gradekey}

Retrieves standards for a given publication. If grade is given, filters standards by grade, otherwise returns all standards in a publication.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/publication/SBAC-ELA-v1/standard?grade=1>

Sample JSON Response:

```

{
  "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [
    {
      "key": "SBAC-ELA-v1:1-IT",
      "name": "1-IT",
      "fkParent": null,
      "fkPublication": "SBAC-ELA-v1",
      "description": "Read Analytically: Informational Text - Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.",
      "treeLevel": 1,
      "fkGradeLevel": "KG",
      "shortName": "Read Analytically: Informational Text"
    },
    {
      "key": "SBAC-ELA-v1:1-IT|10-1",
      "name": "10-1",
      "fkParent": "SBAC-ELA-v1:1-IT",
      "fkPublication": "SBAC-ELA-v1",
      "description": "WORD MEANINGS: Determine intended meanings of words, including domain-specific (tier 3) words and academic (tier 2) words with multiple meanings, based on context, word relationships, word structure (e.g., common roots, affixes), or use of resources (e.g., beginning dictionary, glossary)",
      "treeLevel": 2,
      "fkGradeLevel": "1",
      "shortName": null
    }
  ]
}

```

1.8 GET api/publication/{publicationKey}/category

Retrieves categories for a given publication.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/publication/SBAC-ELA-v1/category>

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [{
    "name": "SBAC Claim",
    "treeLevel": 1,
    "fkPublication": "SBAC-ELA-v1"
  },
  { "name": "SBAC Assessment Target",
    "treeLevel": 2,
    "fkPublication": "SBAC-ELA-v1"
  },
  { "name": "Common Core Standard",
    "treeLevel": 3,
    "fkPublication": "SBAC-ELA-v1"
  }
]}
```

1.9 GET api/publication/{publicationKey}/sock

Retrieves SOCKs for a given publication.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/publication/SBAC-ELA-v1/sock>

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [{
    "knowledgeCategory": "Usage/grammar",
    "description": "Usage/grammar",
    "socksKey": "SBAC-ELA-v1:Usage/grammar",
    "fkPublication": "SBAC-ELA-v1"
  }
]}
```

1.10 GET api/publication/{publicationKey}/grade

Retrieves grades associated with a given publication.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/publication/SBAC-ELA-v1/grade>

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [
    { "key": "1", "name": "1", "description": null },
    { "key": "2", "name": "2", "description": null },
  ]
}
```

```
    {"key":"3","name":"3","description":null}
  ]}
```

1.11 POST api/publisher

Adds a publisher. Requires user to be authenticated.

Method: Post

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/publisher>

Sample JSON input:

```
    {"name":"Delaware","key":"DE"}
```

Sample JSON Response:

```
    {"status":"success",
     "errors":[],
     "warnings":[],
     "validationsPassed":[],
     "payload":[{"name":"Delaware","key":"DE"}]}
```

1.12 POST api/subject

Adds a subject. Requires user to be authenticated.

Method: Post

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/subject>

Sample JSON input:

```
    {"name":"Cross Subject","code":"XSUB"}
```

Sample JSON Response:

```
    {"status":"success",
     "errors":[],
     "warnings":[],
     "validationsPassed":[],
     "payload":[{"key":null,"name":"Cross Subject","code":"XSUB"}]}
```

1.13 POST api/grade

Adds a grade. Requires user to be authenticated.

Method: Post

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/grade>

Sample JSON input:

```
    {"name":"3","description":"3"}
```

Sample JSON Response:

```
    {"status":"success",
     "errors":[],
     "warnings":[],
     "validationsPassed":[],
     "payload":[{"key":null,"name":"3","description":"3"}]}
```

1.14 POST api/staging/publication

Copy a publication into staging tables. Requires user to be authenticated.

Method: Post

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/grade>

Sample JSON input:

```
{"key": "SBAC-ELA-v1"}
```

Sample JSON Response:

```
{ "status": "success",  
  "errors": [],  
  "warnings": [],  
  "validationsPassed": [],  
  "payload": {  
    "key": "SBAC-ELA-v1",  
    "fkPublisher": null,  
    "version": 0.0,  
    "description": null,  
    "fkSubject": null,  
    "subjectLabel": null,  
    "status": null } }
```

1.15 PUT api/staging/publication

Makes publication in staging tables editable. Requires user to be authenticated.

Method: Post

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/grade>

Sample JSON input:

```
{ "fkPublisher": "SBAC",  
  "description": "Common Core ELA Standards",  
  "fkSubject": "English Language Arts",  
  "version": "2" }
```

Sample JSON Response:

```
{ "status": "success",  
  "errors": [],  
  "warnings": [],  
  "validationsPassed": [],  
  "payload": { "key": "SBAC",  
    "fkPublisher": null,  
    "version": 2.0,  
    "description": "Common Core ELA Standards",  
    "fkSubject": null,  
    "subjectLabel": "English Language Arts",  
    "status": null } }
```

1.16 GET api/staging/publication

Retrieves publication metadata from staging tables. Requires user to be authenticated.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/publication>

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  { "key": "SBAC",
    "fkPublisher": null,
    "version": 1.0,
    "description": "Common Core ELA Standards",
    "fkSubject": null,
    "subjectLabel": "English Language Arts",
    "status": null }
```

1.17 GET api/staging/category

Retrieves categories for a publication in staging tables. Requires user to be authenticated.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/category>

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [ {
    "name": "SBAC Claim",
    "treeLevel": 1,
    "fkPublication": "SBAC-ELA-v1"
  },
  { "name": "SBAC Assessment Target",
    "treeLevel": 2,
    "fkPublication": "SBAC-ELA-v1"
  },
  { "name": "Common Core Standard",
    "treeLevel": 3,
    "fkPublication": "SBAC-ELA-v1"
  }
]
}]}
```

1.18 GET api/staging/grade

Retrieves grades associated with a given publication. Requires user to be authenticated.

Method: Get

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/grade>

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
```

```
"payload":[
  {
    "benchmark":"1-IT|10-11|11-12.L.4a",
    "grade":"11",
    "sessionKey":null,
    "newGrade":null
  },
  {
    "benchmark":"1-IT|10-11|11-12.L.4b",
    "grade":"11",
    "sessionKey":null,
    "newGrade":null
  }
]
```

1.19 GET api/staging/standard

Retrieves standards for a publication in staging tables. Requires user to be authenticated.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/standard>

Sample JSON Response:

```
{
  "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [
    {
      "key": "SBAC-ELA-v1:1-IT",
      "name": "1-IT",
      "fkParent": null,
      "fkPublication": "SBAC-ELA-v1",
      "description": "Read Analytically: Informational Text - Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.",
      "treeLevel": 1,
      "fkGradeLevel": "KG",
      "shortName": "Read Analytically: Informational Text"
    },
    {
      "key": "SBAC-ELA-v1:1-IT|10-1",
      "name": "10-1",
      "fkParent": "SBAC-ELA-v1:1-IT",
      "fkPublication": "SBAC-ELA-v1",
      "description": "WORD MEANINGS: Determine intended meanings of words, including domain-specific (tier 3) words and academic (tier 2) words with multiple meanings, based on context, word relationships, word structure (e.g., common roots, affixes), or use of resources (e.g., beginning dictionary, glossary)",
      "treeLevel": 2,
      "fkGradeLevel": "1",
    }
  ]
}
```



```
"shortName": null
}}}
```

1.20 GET api/staging/sock

Retrieves SOCKs for a publication in staging tables. Requires user to be authenticated.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/sock>

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [ {
    "knowledgeCategory": "Usage/grammar",
    "description": "Usage/grammar",
    "socksKey": "SBAC-ELA-v1:Usage/grammar",
    "fkPublication": "SBAC-ELA-v1"
  }
]}
```

1.21 PUT api/staging/category

Edits category in a publication in staging tables. Requires user to be authenticated.

Method: Put

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/category>

Sample JSON input:

```
{ "category": "SBAC Claim",
  "treeLevel": "1",
  "newCategory": "SBAC Claim New" }
```

Sample JSON Response:

```
{ "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": [ {
    "category": "SBAC Claim New",
    "treeLevel": 1,
    "publicationKey": null,
    "sessionKey": null,
    "newCategory": null }
  ]
}
```

1.22 PUT api/staging/grade

Edits grade associated with a publication in staging table. Requires user to be authenticated.

Method: Put

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/grade>

Sample JSON input:

```
{
  "benchmark": "1-IT|10-11|11-12.L.4a",
  "grade": "11",
  "newGrade": "12"
}
```

Sample JSON Response:

```
{
  "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": {
    "benchmark": "1-IT|10-11|11-12.L.4a",
    "grade": "12",
    "sessionKey": null,
    "newGrade": null
  }
}
```

1.23 PUT api/staging/standard

Edits a standard in a publication in staging tables. Requires user to be authenticated.

Method: Put

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/standard>

Sample JSON input:

```
{
  "treeLevel": "1",
  "key": "1-IT",
  "name": "1-IT",
  "description": "Read Analytically: Informational Text - Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.",
  "shortName": "Read Analytically: Informational Text New"
}
```

Sample JSON Response:

```
{
  "status": "success",
  "errors": [],
  "warnings": [],
  "validationsPassed": [],
  "payload": {
    "key": "SBAC-ELA-v1:1-IT",
    "name": "1-IT",
    "fkParent": null,
    "fkPublication": "SBAC-ELA-v1",
    "description": "Read Analytically: Informational Text - Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.",
    "treeLevel": 1,
    "fkGradeLevel": "KG",
    "shortName": "Read Analytically: Informational Text New"
  },
  {

```

```

"key": "SBAC-ELA-v1:1-IT|10-1",
"name": "10-1",
"fkParent": "SBAC-ELA-v1:1-IT",
"fkPublication": "SBAC-ELA-v1",
"description": "WORD MEANINGS: Determine intended meanings of words, including
domain-specific (tier 3) words and academic (tier 2) words with multiple meanings, based
on context, word relationships, word structure (e.g., common roots, affixes), or use of
resources (e.g., beginning dictionary, glossary)",
"treeLevel": 2,
"fkGradeLevel": "1",
"shortName": null
}}}

```

1.24 PUT api/staging/sock

Edits SOCK in a publication in staging tables. Requires user to be authenticated.

Method: Put

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/sock>

Sample JSON input:

```

{"knowledgeCategory": "Usage/grammar",
 "description": "Usage/grammar",
 "newKnowledgeCategory": "Usage/grammar New",
 "newDescription": "Usage/grammar"}

```

Sample JSON Response:

```

{"status": "success",
 "errors": [],
 "warnings": [],
 "validationsPassed": [],
 "payload": [{
   "knowledgeCategory": "Usage/grammar",
   "description": "Usage/grammar",
   "socksKey": "SBAC-ELA-v1:Usage/grammar",
   "fkPublication": "SBAC-ELA-v1"
 }]}

```

1.25 POST api/publication

Move publication from staging tables to main tables. Requires user to be authenticated.

Method: Post

Content-Type: application/json

Sample RESTful URL: <http://sbacdevweb.astprojects.org:8080/corestandards/api/publication>

Sample JSON Response:

```

{"status": "success",
 "errors": [],
 "warnings": [],
 "validationsPassed": [],
 "payload": []}

```

1.26 GET api/staging/publication/nextVersion

Retrieves next version number for a given publication.

Method: Get

Content-Type: application/json

Sample RESTful URL:

<http://sbacdevweb.astprojects.org:8080/corestandards/api/staging/publication/nextVersion>

Sample JSON Response:

```
{ "status": "success",  
  "errors": [],  
  "warnings": [],  
  "validationsPassed": [],  
  "payload": "2.0" }
```


