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# **HLP Highlight Tool**

# **HLP 12: Systematically Designed Instruction Toward a Specific Learning Goal**

Embedded under Data-Driven Planning Pillar (HLP 6)

## Here’s What It Is:

Systematically designing instruction toward specific learning goals is strategic and purposeful, grounded in student data. To meet students' needs and specific learning goals, teachers select essential knowledge content and skills from grade level standards to systematically design instruction with logically sequenced, culturally inclusive lessons. To sequence lessons, teachers prioritize content and examine the complexity of grade level content standards to task analyze skills. Lessons are planned from easiest to complex, using students’ baseline data, knowledge of essential prerequisite skills related to the learning goal, and pre-assessment data as a guide. Special education teachers strategically plan specially designed instruction (SDI), using information from students’ IEPs to provide access to the general education curriculum and achieve IEP goals. During instruction, teachers monitor student progress, and adjust instruction when necessary. Systematically designing instruction toward learning goals is closely aligned with elements of explicit instruction (HLP 16), and intensified when students have disabilities or gaps in learning.

Tools: [HLP 12 Rubric](https://ttaconline.org/Resource/JWHaEa5BS77jPgj34jpI7w/Resource-rubric--hlp-12-systematically-design-instruction-toward-a-specific-learning-goal-vdoe-ttac-at)

## Here’s When to Use It:

* When planning instruction toward specific learning goals.
* When identifying essential knowledge standards and prerequisite skills for priority instruction.
* When going from less complex to more complex material and skills.
* When teaching main ideas before details.
* When linking prior knowledge with new knowledge to deepen understanding.
* When helping students make connections between facts, concepts, and principles.
* When planning intensive instruction and specially designed instruction.
* When accelerating learning.
* When monitoring student progress.

## Here’s What It Looks Like:

[HLP #12 Video](https://highleveragepractices.org/701-2-4-3/)  (17:26)

## Selected Resources:

### Literacy

* [GMU TTAC: List of Recommended Phonological Awareness Resources](https://ttaconline.org/Resource/JWHaEa5BS75dzcrZBBoltg/Resource-list-of-recommended-phonological-awareness-resources-hlp-12-vdoe-ttac-at-gmu)
* [GMU TTAC: A Quick Reference Guide to English Orthography, Frequently Asked Questions and Answers](https://ttaconline.org/Resource/JWHaEa5BS77XTVq1Ioc6wg/Resource-a-quick-reference-guide-to-english-orthography-hlp-12-vdoe-ttac-at-gmu)
* [The Reading League Virtual Sound Board](https://www.thereadingleague.org/wp-content/uploads/2020/11/TRL-Virtual-Soundboard.pptx)
* [TTAC Online: Morphology Instruction Professional Learning & Classroom Materials Resource List](https://ttaconline.org/Resource/JWHaEa5BS77F0wUP6CUKHA/Resource-morphology-resources-vdoe-ttac-at-gmu)
* [Florida Center for Reading Research: Student Centered Activities](https://fcrr.org/student-center-activities)

### Mathematics

* VDOE [Evidence Based Specially Designed Instruction in Mathematics](https://www.doe.virginia.gov/home/showpublisheddocument/28625/638090424862930000)
* Specially Designed Instruction (SDI) Spotlights:

[SDI Spotlight - Whole Number Operations](https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fttaconline.org%2FResource%2FJWHaEa5BS74ZZW6pUcmYnA%2FResource-sdi-spotlights-in-mathematics-whole-number-operations-vdoe-ttac-at-gmu&data=05%7C01%7Ccmarti82%40gmu.edu%7Cfa9dbe9537854ca7461d08db77267ed0%7C9e857255df574c47a0c00546460380cb%7C0%7C0%7C638234779444945336%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=OTCcKwZ2LZFdLn%2BU1kEes1bJwRNKo2jrvVrdhFMfZOI%3D&reserved=0)

[SDI Spotlight - Rational Number Operations](https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fttaconline.org%2FResource%2FJWHaEa5BS76aCCrQkH3PBA%2FResource-sdi-spotlight--mathematics-rational-number-operations-vdoe-ttac-at-gmu&data=05%7C01%7Ccmarti82%40gmu.edu%7Cfa9dbe9537854ca7461d08db77267ed0%7C9e857255df574c47a0c00546460380cb%7C0%7C0%7C638234779444945336%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=G0k4%2F0CidcS6pk%2FWLQA%2Bc26IchukVydPg0BL1SmYjOM%3D&reserved=0)

[SDI Spotlight - Place Value, Decimals, Percent](https://ttaconline.org/Resource/JWHaEa5BS76UFnHLIngbgA/Resource-sdi-spotlight--mathematics-place-value-decimals-percent-vdoe-ttac-at-gmu)

[SDI Spotlight - Integer Operations](https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fttaconline.org%2FResource%2FJWHaEa5BS74Ey6ulXxWAyQ%2FResource-sdi-spotlight--mathematics-integer-operations-vdoe-ttac-at-gmu&data=05%7C01%7Ccmarti82%40gmu.edu%7Cfa9dbe9537854ca7461d08db77267ed0%7C9e857255df574c47a0c00546460380cb%7C0%7C0%7C638234779444945336%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=kwBn0uztxhmlWuJqDwoIEvp05cCEbYTzPD%2F0B5%2B3Hl4%3D&reserved=0)

[SDI Spotlight - Algebraic Concepts](https://ttaconline.org/Resource/JWHaEa5BS77y8sJDW4uymw/Resource-sdi-spotlight--mathematics-algebraic-concepts-vdoe-ttac-at-gmu)

[SDI Spotlight - Geometry](https://word-edit.officeapps.live.com/we/GMU%20TTAC%20https:/ttaconline.org/Resource/JWHaEa5BS75eUnnn-yz6Kg/Resource-sdi-spotlight--mathematics-geometry-vdoe-ttac-at-gmu)

## Resources to Extend Learning

* VA ECSE LEADS: [Systematic Instruction](https://va-leads-ecse.org/systematic)
* [The Importance of Systematic Instruction](https://www.rethinked.com/resources/importance-systematic-instruction/)
* [A Plan for Planning Systematic Instruction](https://ttac.odu.edu/curriculum-and-instruction/a-plan-for-planning-systematic-instruction/)

### Literacy

* National Center on Intensive Interventions [Intensive Interventions in Reading](https://intensiveintervention.org/training/course-content/intensive-intervention-reading)
* [Oregon Response to Instruction & Intervention: Fall Virtual Reading Symposium](https://sites.google.com/nwresd.k12.or.us/2022ortii-reading-symposium/home)
* [Oregon Response to Instruction & Intervention: 2022 Annual Conference Session Recordings](https://sites.google.com/nwresd.k12.or.us/2022-annual-conference-session/session-recordings)
* [IRIS Center: Secondary Reading Instruction (Part 1): Teaching Vocabulary and Comprehension in the Content Areas](https://iris.peabody.vanderbilt.edu/module/sec-rdng/)
* [IRIS Center: Secondary Reading Instruction (Part 2): Deepening Middle School Content-Area Learning with Vocabulary and Comprehension Strategies](https://iris.peabody.vanderbilt.edu/module/sec-rdng2/)

### Mathematics

* VDOE [Evidence Based Instruction in Mathematics Webinar](https://youtu.be/Db4eSGxBul4)
* National Center on Intensive Interventions [Intensive Interventions in Mathematics Content](https://intensiveintervention.org/training/course-content/intensive-intervention-mathematics)
* The IRIS Center [High Quality Math Instruction: What Every Teacher Should Know](https://iris.peabody.vanderbilt.edu/module/math/)
* LD@School [Concrete Representational Abstract Method Self-Paced Professional Learning](https://www.ldatschool.ca/learning-modules/cra-strategies/overview/)
* Project Stair T[eaching Math with Multiple Representations (5:45 minutes)](https://www.youtube.com/watch?v=XSnlcEg0X7g)
* VDOE [Schema Based Instruction for Problem Solving](https://ttaconline.org/Resource/JWHaEa5BS76lVAlY5cA4mQ/Resource-recorded-webinar--schema-based-instruction-for-problem-solving-virginia-department-of-education)
* PaTTAN (2023, July 11). [Boost student retention of essential concepts and skills through specially designed activities](https://youtu.be/ng0gcy9sg6Q?si=wqLrqK4AyMcUKmkM). [Video]. Youtube.
* [High Leverage Practices](http://www.highleveragepractices.org)
* [Leadership Guide for HLP 12](https://exceptionalchildren.org/sites/default/files/2021-01/HLP%2012%20Admin%20Guide.pdf?_gl=1*h5jrin*_ga*MTg0OTkzNTU0OC4xNzExNTU0Njc1*_ga_L4ZFTNESGT*MTcxMzk4MDA0MC42LjEuMTcxMzk4MDI1Mi42MC4wLjA.) (pdf)

### Behavior

* National Center on Intensive Interventions [Behavior Support for Intensive Interventions](https://intensiveintervention.org/training/course-content/behavior-support-intensive-intervention)
* The IRIS Center [Behavior and Classroom Management Modules](https://iris.peabody.vanderbilt.edu/resources/iris-resource-locator/)
* [Center on PBIS](https://www.pbis.org/)

## Find additional HLP Highlight Tools on [TTAC Online](http://ttaconline.org/Resource/JWHaEa5BS75BpXRi_D6u2A/Resource-hlp-highlight-tools-1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22).

For information about TTAC Region 4, go to [https://ttac.gmu.edu/](https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fttac.gmu.edu%2F&data=04%7C01%7Cctalber1%40gmu.edu%7C717a601d8f47402ccfc108d9fd416faf%7C9e857255df574c47a0c00546460380cb%7C0%7C0%7C637819279759882488%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=GbznIwsPLTJua0kFL7zcwup4SVohdCUFFXuU1cQkHck%3D&reserved=0).

## References

Aceves, T. C., & Kennedy, M. J. (Eds.) (2024, February). *High-leverage practices for students with disabilities.* 2nd edition. Arlington, VA: Council for Exceptional Children and CEEDAR Center.

Kennedy, M. J., Peeples, K. N., Romig, J. E., Mathews, H. M., & Rodgers, W. J. (2018). High-leverage practice #12: Systematically design instruction towards learning goals. <https://youtu.be/vqD_GpYJ2rY?si=q1I2tW_p7VoxOrCk>

McLeskey, J. (Ed.). (2019). *High leverage practices for inclusive classrooms*. New York: Routledge.