


enVision Mathematics Grades 6-8 © 2021

Pick a Project

Introduction



The slide features the enVision Mathematics logo at the top left and the title "Pick a Project" in a green banner at the top right. Below the banner is a list of four bullet points on the left and a photograph of four students working at a desk on the right.

- Planning
- Pacing
- Student Choice
- Differentiation

The photograph shows four students (three girls and one boy) sitting at a desk, looking at their workbooks and talking to each other.

Hi, **enVision** teachers! Let's take a look at Pick a Project today. These engaging projects make math inviting and interesting for all students.

We'll look at ways to plan and pace projects during each topic. You'll find that providing student choice and time to work on projects can even help you with differentiated instruction.

Planning and Pacing

Review the planning and pacing support in the Teacher's Edition

TOPIC
1

Pick a Project

During the Project

Pacing Projects will be completed over a number of lessons. The amount of time students spend on each project will vary. You may wish to let early finishers choose an additional project.

Grouping You might have students work independently, with a partner, or in small groups.

Content Projects are related to the content of this topic. As students continue their work on projects throughout the topic, new math ideas should be incorporated.

Project Sharing Invite students to share their completed projects with a partner, a small group, or with the whole class. Encourage students to discuss how they demonstrated math practices during the project. Provide students an opportunity for reflection by asking what interesting information they learned and what math they used in the project.

Extensions Extension suggestions are included for each project.

Look For Did students achieve the goal of the project? Did they apply math correctly in the project?

Students will work on a Pick a Project during each topic. At the start of a new topic, give students time to choose the project that interests them the most.

Your Teacher's Edition has an overview of the projects as well as tips on helping students choose a project. Review the During the Topic section for more information about pacing, grouping, content, project sharing, extensions, and look fors.

Check out the details of each project so you can prepare materials and consider extensions for each project. Notice the Scoring Guide and Sample Scoring Rubric to help you decide how to evaluate projects.

You can have students work on projects anytime during the topic that works for you. Consider giving students time to work on their projects during Step 3 of some lessons.

Quick Tip

Pick a Project

Student Choice

Each chapter offers students the opportunity to explore a range of interest and complete projects of their choosing. The end of student choice has provided teachers selected for differentiated, activities and extended risk tasks.

• **Differentiation:** Teachers pick content from a group of projects that vary in content (what interests students), which involves their students like to read, and that projects (what students like to read).

• **Need supports:** Student choice offers projects related to weekly class, and connects with appropriate connections to social skills, science, art, and history.

• **Need writing readiness:** In the projects for student choice whether they want to draw, build, write, collect data, research, or. Additional experiences in the projects support reading, writing, critical thinking, and social learning.

• **Need final products:** In the projects for student choice whether they want to produce a poster, a model, or song, or report, or game, etc.

• **Mathematical practices:** Projects are designed to be completed by students.

• **Open-ended:** Projects are designed to be completed by students.

Teacher's Edition
Program Overview
GRADE 7

enVision Mathematics

Pacing will often vary depending on the student and the project. See the Pick a Project section of your *Teacher's Edition Program Overview* for more tips about grouping, content, project sharing, and extensions.

Click **Next** below to continue.

Materials

The screenshot shows the Savvas Realize interface for 'enVision Mathematics 2021 Grade 7'. The left sidebar lists materials for 'Topic 1: Pick a Project', including a master, scoring rubric, and reproducible pages. The main content area has a search bar and categories like 'Activities', 'Games', and 'Teacher Support'. A 'Featured Resources' section highlights '3-Act Math'. A green overlay on the right contains the text 'Find Pick a Project materials here:' followed by a bulleted list: Teacher's Edition, Student's Edition, Teacher's Resource Masters, and Savvas Realize™.

In addition to the planning and pacing information in your Teacher's Edition, there is a Pick a Project page in the Student's Edition. This page has engaging questions and photographs about the projects to help students make a choice.

You can also find Pick a Project masters in the *Teacher's Resource Masters* book and on Savvas Realize™. Navigate to the topic level and open the Pick a Project folder to see all the project materials online.

Differentiation

STEP 3 Assess & Differentiate

Lesson Quiz
Use the student scores on the Lesson Quiz to prescribe differentiated assignments.

Video Tutorials
Students can access instructional tutorials using the Virtual Read app.

Additional Practice
You may opt to have students complete the automatically scored Additional Practice items online.

Examples	Items	DDK
1	1, 2, 3, 4, 5, 11, 7, 8, 9, 14, 15, 16	1
2	12	1
3	8, 10, 13	1

Differentiated Intervention

- Reteach to Build Understanding**: Provides scaffolded reteaching for the key lesson concepts.
- Additional Vocabulary Support**: Helps students develop and reinforce understanding of key terms and concepts.
- Build Mathematical Literacy**: Provides support for struggling readers to build mathematical literacy.
- Enrichment**: Presents engaging problems and activities that extend the lesson concepts.
- Math Tools and Games**: Offers additional activities and games to build understanding and fluency.
- Pick a Project and STEM Project**: Provides an additional opportunity for students to demonstrate understanding of key mathematical concepts.

Students can work on their **projects** while you work with **small groups**

As teachers, we know that every student is a unique learner. The Pick a Project design invites all students to be active participants as they work at their individual levels on a project that incorporates their interests and strengths.

During Step 3, Assess & Differentiate, students can work on their projects while you work with small differentiated groups using a variety of other **enVision** resources.

Quick Tip

Assess & Differentiate

Lesson Quiz
Use the student scores on the Lesson Quiz to prescribe differentiated assignments.
You may opt to have students take the Lesson Quiz online. The Lesson Quiz will be automatically scored and appropriate remediation, practice, or enrichment will be assigned based on student performance.

Video Tutorials
Students can access instructional tutorials using the Virtual Read app.
Students can also access the videos using the **BouncePages** app to scan exercise pages marked with this icon. Students can download both apps for free in their mobile device's app store.

Additional Practice
You may opt to have students complete the automatically scored Additional Practice items online.

Interactive Practice is available online.

Doors Analysis

Example	Items	DDK
1	1, 2, 3, 4, 5, 11, 12, 16	1
2	12	1
3	8, 10, 13	2

Differentiated Intervention

Reteach to Build Understanding
Provides scaffolded reteaching for the key lesson concepts.

Additional Vocabulary Support
Helps students develop and reinforce understanding of key terms and concepts.

Build Mathematical Literacy
Provides support for struggling readers to build mathematical literacy.

Enrichment
Presents engaging problems and activities that extend the lesson concepts.

Math Tools and Games
Offers additional activities and games to build understanding and fluency.

Pick a Project and STEM Project
Provides an additional opportunity for students to demonstrate understanding of key mathematical concepts.

Students can work on their **projects** while you work with **small groups**

Closing



Thanks for learning more about Pick a Project; a fun and engaging way to reach all students and get them excited about math!

Continue your learning journey here on My Savvas Training to learn more about **enVision** Mathematics Savvas Realize.