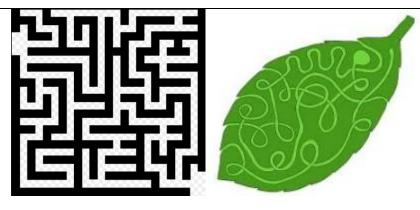
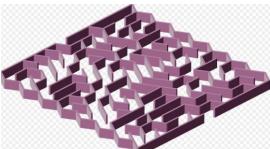
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Teacher: Claire Lin	Grades: 3-5	Time Required:45 min
Subject: Game Design	Teaching Objective: 1) Students will have a clear pic	ture of game design procedures.
Materials		New Concept
Teachers: Teacher's Guide & Slides	Students: Pencils and Papers	Game Design (design procedures)
	The Teaching Sequence	
exactly? According to the exp the principles of game design	storming - Prototyping - Playtes f this lesson is to learn about Gam lanation from <i>Game Design Worl</i> has four fundamental steps: Brain	e Design. Then how to design a game kshop and The Art of Game Design,
 up with solutions or more idea carefully and decide which so the best solution or idea for la 2) Prototyping: Turn your tools to create a physical protocan work with mBlock 5 to qu 3) Playtesting: Expose protoc 4) Iterate and complement: Guided Practice: Brainstorming: (Teaching to design a paper maze game Navigate students to think abore games? What types of maze games 	achers put forward with problems. as. And, teachers should remind st lution or idea is the best one. Final ter use. ideas into a real game. At first, t otype that is easy to play. When cr nickly turn our game ideas into real otypes to target players for testing a iterate the game based on the test ing objective) Let students think e, what would the game be like? but their previous experiences: "Ki ames then? Share with us, will you	Ily, help students find a way to record tell students to use pencils or other reating a digital prototype, students and get feedback from them. sting results and implement the game. k about one thing: If they're going ids, have you ever played maze
them to think.		

Basics of Game Design Thinking

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2) Prototyping: (Teaching objective) Students will learn to create a game prototype.

Teachers demonstrate how to create a prototype.

Teachers: "You've just come up with plenty of game ideas. I've also designed a maze game of my own. This is my maze game design. Try it!"



3) Playtesting: (Objective) Expose students to a pivotal step in game design - *Playtest* "Kids, what do you think of this maze game? Any ideas to improve it?"

4) Fine-tuning & Completing: (Objective) Students will know how to fine-tune the prototype and complete the game design.

Fine-tune the maze game based on the test feedback.

Independent Practice:

It's Your Turn!

1) Choose a solution

Help students conceive an idea of their own maze game.

Teachers: "You've just come up with so many ideas for your maze game. Now you have to choose a final design."

2) Prototyping:

Students start to create a prototype for their maze game.

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3) Playtesting:

After students finish their designs, have them work in pairs to test their maze games mutually and give their feedback.

4) Fine-tuning & Completing:

Fine-tune the game design based on the test feedback.

Share:

Presentation

Each student can invite others to try his or her game. Vote for the best game of the day.

Tailor your teaching plan

Enrich the tasks	Simplify the tasks	Manage the class effectively to help students learn easily		
Comments:				
Teachers' Reflections:				