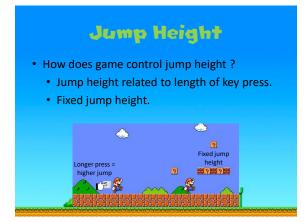
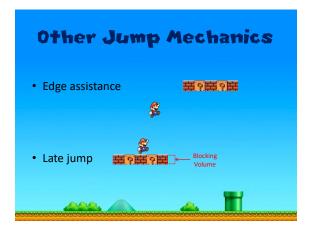


Aims Identify some core game mechanics you can implement in your 2D platform game. Examine how these mechanics can be implemented.

Platforms	
Platforms should be visuapproaches them.	sible when character
 Use trigger volumes to 	control when they area
activated.	
	in the action of the contract





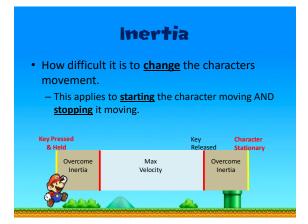


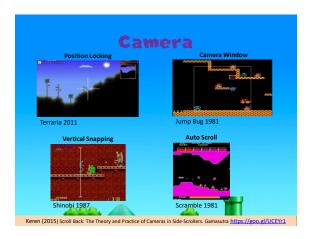
• Should player be able to move left\right, shoot & use items while jumping? - Level design depends on such a decision. - Try Super Ghouls and Ghosts.

Jump Shadow • Helps player judge landing point. - Move the shadow using the horizontal (x axis) displacement of character from point of jump.

• Climb area larger than ladder? • Can character attach to ladder while jumping? • Can character shoot and use items on ladder?

Wall Climbing
 In most cases, use same base code as for ladders. Wall climb
Lock X axis, but allow movement on Y axis.
– Wall hang
Prevent movement on X and Y axis.





Camera – Edge Snapping • Camera should stop moving when the edge of the field of view reaches the edge of the level.

• Camera – Forward View • Camera moves ahead of player character • When character stops, camera moves back to centre the view on the character.

Choice of platform mechanics influences level design. Apparently simple mechanics can be complex to code. Do not assume 2D game mechanics will be 'easy' to implement.