

	MONDAY (A)	TUESDAY (B) 3:05–4:35	WEDNESDAY (A) 1:30–3:00	THURSDAY (B) 3:05–4:35	FRIDAY (A) 1:30–3:00
	Objective(s): SWBAT - Navigate a 2D array - Apply Classes in python	Objective(s): SWBAT -Understand and Implement Linked Lists and Trees	Objective(s): SWBAT - Navigate a 2D array - Apply Classes in python	Objective(s): SWBAT - Apply linked lists and trees to create projects	Objective(s): SWBAT - Navigate a 2D array - Apply Classes in python
P	Engage - Bell Ringer	Engage - Students will complete 3 practice AP MC Questions	Engage - Bell Ringer	Engage - Students will complete 3 practice AP MC Questions	Engage - Bell Ringer
L A	Explore: Students will work on creating a clone of Zork Explain: Students will watch a short lecture on accessing and manipulating arrays Elaborate: discuss more things they can add to the game using 2D lists	Explore: Students will solve challenges with linked lists Explain: Students will watch a short lecture on tress and linked lists Elaborate: explain why you might choose to use linked lists over arrays	Explore: Students will work on creating a clone of Zork Explain: Students will watch a short lecture on accessing and manipulating arrays Elaborate: discuss more things they can add to the game using 2D lists	Explore: Students will implement a Tree based maze project Explain: Students will work with the teacher to discuss strategies to make a maze using trees Elaborate: what else can trees be used for	Explore: Students will work on creating a clone of Zork Explain: Students will watch a short lecture on accessing and manipulating arrays Elaborate: discuss more things they can add to the game using 2D lists
N	Evaluate: Walk around checking on everyone’s progress Summary: Students will explain how to navigate a 2D list Assessment(s): Exit Ticket	Evaluate: Walk around checking on everyone’s progress Summary: Students will explain how linked lists works and why you may want to use them Assessment(s): Exit Ticket, Submitted project	Evaluate: Walk around checking on everyone’s progress Summary: Students will explain how to navigate a 2D list Assessment(s): Exit Ticket	Evaluate: Walk around checking on everyone’s progress Summary: Students will explain how explain how they are using the concepts of HashMap and Sorting to solve a real data problem Assessment(s): Exit Ticket	Evaluate: Walk around checking on everyone’s progress Summary: Students will explain how to navigate a 2D list Assessment(s): Exit Ticket
Resources:	Resource Requirements: Laptops with access to Replit	Resource Requirements: Laptops with access to Replit	Resource Requirements: Laptops with access to Replit	Resource Requirements: Laptops with access to Replit	Resource Requirements: Laptops with access to Replit