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| **21st Century Lesson Cycle Template** |
| **Grade: 6-7 Subject: Learning to use a combination lock** **Unit: Life Skills** |
| **Driving Question:** * Can you independently open and close a 1-2-3 digit combination lock?
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| **Outcomes:** * Life skills related skill- Students will be able to unlock a combination lock with 3 digits.
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| **Expected Time:** * 1x30 minute class: Approx: 15 mins + 15 mins of practice time
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| **Resources:**Several combination locks with different combinations; 1-2-3 digit combinations.[Video](https://www.youtube.com/watch?v=MbdpbnrAb2w)[Exit Pass](#ExitPass) |
| **Lesson Procedure** | **21st century skills** |
|  | Teacher does (I Do): * Model using a combination lock - opening and closing the lock.
* Present key words/concepts on white board (left, right, zero, past the zero).
* Present video for students to watch.
 | [ ]  find, validate[x]  remember, understand [ ]  collaborate, communicate[ ]  analyze, synthesize[ ]  critical thinking[ ]  evaluate, leverage[ ]  create, publish[x]  citizenship |
| Individual student work (You Do):* Use steps from video and key words from the white board to practice opening and closing 1-digit, 2-digit and 3-digit combination locks.
 | [ ]  find, validate[x]  remember, understand [ ]  collaborate, communicate[ ]  analyze, synthesize[x]  critical thinking[ ]  evaluate, leverage[ ]  create, publish[ ]  citizenship |
| Group work (We Do): * Use steps from video to practice opening and closing combination lock with a peer. Share and switch locks.
 | [ ]  find, validate[x]  remember, understand [x]  collaborate, communicate[x]  analyze, synthesize[x]  critical thinking[ ]  evaluate, leverage[ ]  create, publish[x]  citizenship |
| Class share (We Share):* Use steps from video and key words from white board to practice opening and closing combination locks with other peers in the class.
 | [ ]  find, validate[x]  remember, understand [x]  collaborate, communicate[x]  analyze, synthesize[x]  critical thinking[ ]  evaluate, leverage[ ]  create, publish[x]  citizenship |
| **Lesson Wrap Up:** * Review the key words and concepts of using a combination lock (left, right, zero, past the zero).
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| **Differentiation/Modification/Enrichment**: * Sticky notes with key words on them: left, right, the numbers in the combination, etc.
* Combination locks with one and two digit combinations, rather than three digit.
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| **Assessment:** * Demonstrate two different combinations to an adult in the room as an [Exit Pass](#ExitPass).
* Students can leave the learning centre and practice putting their lock on the locker and using the combination to unlock the lock.
 |
| **Teacher Reflection:**  |



Pass

**Directions**:

1. Write in the locker combination of the lock.
2. The adult will check the box when you have demonstrated you can open the lock.

Lock #1:

Combination \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lock #2:

Combination \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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