



# Operation Occupation: Unlock Your Potential

## 2024 Escape Room Answer Key

### 2024: Advanced Manufacturing

Lock Type	Answer
Lock 1 – Colors	<p>● ○ ●</p> <p><b>Hint:</b> the flag on the wall over Derek DeGeest's shoulder holds the "50 stars" referred to in the hint. Jobs are in HIGH demand (look high – to the ceiling – to see the flag) (time stamp: 1:18).</p>
Lock 2 – 123	<p><b>1840140</b></p> <p><b>Hint:</b> the numbers you are looking for are in the 'lock story' (time stamps 0:40, 1:00).</p> <ul style="list-style-type: none"><li>• 18 years of employment</li><li>• Benefits: 401k</li><li>• 40 hours a week</li></ul>
Lock 3 – ABC	<p><b>SIGNS</b></p> <p><b>Hint:</b> ESCO Manufacturing is an outdoor electric sign manufacturer (time stamp 0:50).</p>

### 2024: Agriculture

Lock Type	Answer
Lock 1 – ABC	<p><b>POLLINATOR</b></p> <p><b>Hint:</b> the McCrory Garden Horticulturist talks about "buzzing around these plants" (time stamp 1:58).</p>
Lock 2 – 123	<p><b>29008</b></p> <p><b>Hint:</b> this is a sum of numbers that are shared specific to the number of employees, plants, species, etc. Information starts around 1:40 of the video and concludes about 2:15</p> <ul style="list-style-type: none"><li>• 6 Horticulturists</li><li>• 6000 plants</li><li>• 2000 species</li><li>• 2 greenhouses</li></ul> <p>21,000 square foot butterfly garden</p>
Lock 3 – ABC	<p><b>ENGINEER</b> (time stamp 0:24)</p>

### 2024: Arts, Entertainment, and Design

Lock Type	Answer
Lock 1 – 123	<p><b>3157</b></p> <p><b>Hint:</b> the numbers you are looking for are in the 'story'.</p> <ul style="list-style-type: none"><li>• 3 floors of sets, costumes, and props</li><li>• 15 different sets</li><li>• 7 clients (groups) can be photographed at the same time</li></ul>
Lock 2 – Directional	<p>↑→↑↓→→←↑↑</p> <p><b>Hint:</b> using north, south, west, east directions based on the first letter of the ALL CAPS words.</p>
Lock 3 – ABC	<p><b>PROGRAM</b> (time stamp 0:35)</p>
Lock 4 – 123	<p><b>1490</b></p> <p><b>Hint:</b> refer to the AM numbers on the sign (time stamp 0:40).</p>
Lock 5 – Colors	<p>● ● ● ● ○</p> <p><b>Hint:</b> the words in the lock story should be put in alphabetical order which will provide the color arrangement.</p>

## 2024: Construction

Lock Type	Answer
Lock 1 – 123	<b>1919100</b> <b>Hint:</b> the lock story has the following words or phrases italicized: <ul style="list-style-type: none"> <li>• Serving the greater Sioux Falls area</li> <li>• Century</li> </ul> Use the numbers that follow that phrase (time stamp 0:23) or convert the word to a number, in the case of century.
Lock 2 – ABC	<b>FAMILY</b> <b>Hint:</b> Brooks talks about how KPI is family oriented and puts family first – like having Breakfast with Santa (time stamp 3:25).
Lock 3 – 123	<b>19340</b> <b>Hint:</b> use the number of fans the new stadium will seat. The word BUTTS and fans in the clue should help you identify the blue bubble of information around 1:53 of the video when talking about the new SDSU football stadium.
Lock 4 – ABC	<b>EVERYWHERE</b> <b>Hint:</b> the featured interior designer shares that she worked on projects for private jet companies and worked in the cruise ship and yacht industry after college. She said “we truly are needed everywhere” at 0:43 of the video.
Lock 5 – ABC	<b>PUZZLE</b> <b>Hint:</b> Jeff said what he does is a lot like building a puzzle (time stamp 1:55).
Lock 6 – ABC	<b>MINNESOTA</b> <b>Hint:</b> the featured stadium at 2:05 of the video is part of the University of Minnesota campus.
Lock 7 – ABC	<b>WEATHER</b> (time stamp 0:48)

## 2024: Education

Lock Type	Answer
Lock 1 – ABC	<b>CATALOG</b> (time stamp 0:50)
Lock 2 – ABC	<b>AVIATION</b> <b>Hint:</b> this major allows you to FLY HIGH (time stamp 0:16).
Lock 3 – ABC	<b>COJO</b> <b>Hint:</b> Heather Solberg introduces the college and offers the nickname at the start of the video (time stamp 0:10).
Lock 4 – 123	<b>100000</b> <b>Hint:</b> Heather tells us how many times her games and activities have been downloaded (time stamp 1:07).
Lock 5 – 123	<b>700000</b> <b>Hint:</b> the narrator tells us that there are more than 700,000 jobs supported by museums (time stamp 1:45).

## 2024: Energy and Natural Resources

Lock Type	Answer
Lock 1 – 123	<b>247</b> <b>Hint:</b> wind turbines are monitored electronically <b>24/7</b> from a central office (time stamp 0:15).
Lock 2 – ABC	<b>UNDERSTAND</b> <b>Hint:</b> Charles specifically says “Understanding” <b>not only what to do but why to do it</b> , is one of the biggest challenges (time stamp 1:30).
Lock 3 – 123	<b>70</b> <b>Hint:</b> Broc mentions a warmer temperature (time stamp 2:01).

## 2024: Financial Services

Lock Type	Answer
Lock 1 – ABC	<b>PILLARS</b> <b>Hint:</b> pillars are discussed (time stamp 2:21).
Lock 2 – 123	<b>7107</b> <b>Hint:</b> a computer screen displays the <b>NASDAQ Composite</b> (time stamp 0:38). The actual number includes a decimal; remove the decimal and use the whole number.
Lock 3 – Colors	● ● <b>Hint:</b> the narrators indicates that employees may not work with gold (yellow) and rubies (red) while 2 pie charts are being displayed on the screen (time stamp 1:14). Refer to the pie chart on the left side of the display board and then place the yellow and red slices in order from smallest to largest.
Lock 4 – 123	<b>9461014</b> <b>Hint:</b> notice the time and date on the computer screen behind the first speaker, around 0:09 of the video (there will be other instances of this same time/date display). Use the numbers of the time and convert the month (October) to a number (10) and use the date (14). A similar scene will appear later in the video (time stamp 1:28) with a different time displayed.

## 2024: Healthcare and Human Services

Lock Type	Answer
Lock 1 – ABC	<b>CLARK</b> (NICU nurse towards the end of the video (time stamp 1:00).
Lock 2 – Directional	↓→←↓← <b>Hint:</b> the word <b>travel</b> encourages you to refer to the bolded words and connect the first letter of the word with a direction – North, South, East, West).
Lock 3 – ABC	<b>SUPPORT</b> (time stamp 0:40)
Lock 4 – ABC	<b>GROWTH</b> (time stamp 2:25)
Lock 5 – Colors	● ● ● ● ○ ● <b>Hint:</b> color code follows the numbered list; look for those items in the video.
Lock 6 – 123	<b>1200</b> <b>Hint:</b> Listen to the speaker as they talk about this topic (time stamp 1:39).
Lock 7 – ABC	<b>VOCATIONAL</b> (time stamp 0:20)

## 2024: Hospitality, Events, and Tourism

Lock Type	Answer
Lock 1 – 123	<b>19</b> <b>Hint:</b> listen to the speaker as they address this job (dialing in the espresso) (time stamp 3:50).
Lock 2 – ABC	<b>GROWTH</b> (time stamp 0:08)
Lock 3 – ABC	<b>FARE</b> (referring to cost) (time stamp 0:23)
Lock 4 – 123	<b>4</b> <b>Hint:</b> there is a group kayaking, how many paddles are in the air? (time stamp 1:04).

## 2024: Management and Entrepreneurship

Lock Type	Answer
Lock 1 - 123	<b>50726100</b> <b>Hint:</b> the numbers you are looking for are in the 'story'. <ul style="list-style-type: none"> <li>• <b>50</b>-pound bag of flour (0:46)</li> <li>• <b>7</b> state region (1:20)</li> <li>• <b>26</b> different bagel varieties (1:35)</li> <li>• <b>100</b> pounds of flour in a mixer at one time (1:48)</li> </ul>
Lock 2 – ABC	<b>SD</b>
Lock 3 – 123	<b>1100006</b> (time stamp 0:50) <b>Hint:</b> Add the numbers to reach the answer <ul style="list-style-type: none"> <li>• <b>(2)</b> Fashion Industry &gt;&gt;&gt; <b>Polluter</b> (2nd largest)</li> <li>• <b>(3)</b> <b>USD Students</b> &gt;&gt;&gt; Love Fashion</li> <li>• <b>(1)</b> Hult Prize &gt;&gt;&gt; <b>One</b> [of the most] <b>Prestigious Competition</b></li> <li>• <b>(1,000,000)</b> [thriftng is a] Sustainable Enterprise &gt;&gt;&gt; Impact <b>People</b> 1,000,000</li> <li>• <b>(100,000)</b> Top Recipient &gt;&gt;&gt; <b>CASH PRIZE</b> of 100,000</li> </ul>
Lock 4 – Shapes	<b>● ▲ ★ ♦</b> <b>Hint:</b> arrange words by shape in the order they are written in the lock story (circular, trio, superstars, diamond).

## 2024: Marketing and Sales

Lock Type	Answer
Lock 1 – ABC	<b>PRODUCT</b> (time stamp 0:35)
Lock 2 – ABC	<b>VIRAL</b> (time stamp 1:00)
Lock 3 – ABC	<b>BITTERS</b> <b>Hint:</b> notice the letter board with Honest John Bitters (time stamp 0:26).
Lock 4 – Colors	<b>● ● ● ● ●</b> <b>Hint:</b> color code follows the list of puns.

## 2024: Public Service and Safety

Lock Type	Answer
Lock 1 – ABC	<b>DRONE</b> <b>Hint:</b> use the capitalized words to find the "means" in which Sarah Schumacher is utilizing to increase public safety. She is UAS Drone Program Coordinator; drone rhymes with the <b>ALL CAPS</b> words (time stamp 0:25).
Lock 2 – 123	<b>13164</b> (time stamp 1:35) <b>Hint:</b> <ul style="list-style-type: none"> <li>• <b>1</b> – crime event</li> <li>• <b>3</b> – crime scenes (outdoor, house, car)</li> <li>• <b>16</b> – Car took 16 hours to process</li> <li>• <b>4</b> – Car contained 4 different forms of evidence (blood, fingerprints, DNA, physical items)</li> </ul>
Lock 3 – Directional	<b>↑↓↓→↑→↓</b> <b>Hint:</b> using north, south, west, east directions based on the bolded letter within the bulleted list.
Lock 4 – ABC	<b>HUNTING</b>

## 2024: Supply Chain and Transportation

Lock Type	Answer
Lock 1 – ABC	<b>TUITION</b> (time stamp 0:27)
Lock 2 – 123	<b>047511</b> <b>Hint:</b> Chad addresses the camera in front of this truck that has numbers on the door. <b>“Look over his shoulder”</b> to reveal the truck number and the <b>“511”</b> logo. The number combo works from the top down (time stamp 0:31).
Lock 3 – 123	<b>3156</b> <b>Hint:</b> air traffic control trainees must be enrolled in the training program by the age of <b>31</b> and retirement is mandatory at age <b>56</b> (time stamps 0:54 and 1:07).
Lock 4 – ABC	<b>WYOMING</b> <b>Hint:</b> the <b>“Wyoming Welcomes You”</b> sign at 0:15 in the video identifies the proper state name to solve this lock.
Lock 5 – Directional	<b>→↓←↑</b> <b>Hint:</b> consider the order cities are being named and placed on the map, thinking about EAST (→), SOUTH (↓), WEST (←), and NORTH (↑) (time stamp 1:37).
Lock 6 – ABC	<b>CDL</b> <b>Hint:</b> Commercial Driver’s License (time stamp 0:53)

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