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| **Mathematics/ Applied Design #6**

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| Topic | Dance coding  |
| Curricular Connection | Technologies are tools that extend human capabilities.Coding essentials and processes  |
| Video Activity | Using the movement blocks **below**,Abby makes a dance code for Marley to follow. Marley follows the code with the help of Abby and Rylee for support.  |
| Activity | Using dance movement blocks (paper puzzle pieces below- I recommend laminating) to link together to make a code. All boxes have a different dance move on them, together creating a dance code. Independently or in small groups, students will be given dance coding blocks as well as a start block (green), an end block (red), and repeat/ loop blocks (orange). Students will link blocks together to create a dance code and have other groups or individuals try out their code.  |
| Extension information  | Students can video tape their codes to add more technology rich learning into the lesson.Students can use chalk outside to create a more diverse code with their own dance moves, repeats, and loops.  |

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| Start |

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| --- |
| Spin |

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| --- |
| Jump |

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| --- |
| Kick |

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| --- |
| Clap |

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| --- |
| Pose |

|  |
| --- |
| Bounce |

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| --- |
| Twist |

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| --- |
| Stomp |

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| --- |
| Wave |

|  |
| --- |
| Reach |

|  |
| --- |
| Shake |

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| --- |
| Wiggle |

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| --- |
| End |

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| Repeat x2 |