MakerSpace schedule update: Nov. 18, 2019

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| **Week of:** | **Approximate time** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Stations and topics** |
| Sept. 17-21 | 9:00-10:15 |  | Grade 4 robotics intro | Grade 4 robotics intro | Grade 4 robotics intro |  | Ozobots: paths  BeeBots: abc order, multiplication review |
| Keva  Knex simple machines |
| STEM: tallest structure with linguini and marshmallows |
| 10:15-11:30 |  | Grade 2 robotics intro - Hecker | Grade 2 robotics intro - Robinson | Grade 2 robotics intro - Hall | Grade 2 robotics intro - Kinder | BeeBots: ordinals game, count by 5’s |
| Lego: cooperative town |
| STEM: cup tower challenge |
| 12:30 | Grade 2 Review: count by 2, 5 lego and keva, marshmallow, pasta tower - Lussier |  |  |  |  |  |
| 2:00 | Grade 4 – review expectations - add planning pipe cleaner challenge - Dallaire |  |  |  |  |  |
| Sept. 24-28 | 9:00-10:30 | Grade 5 robotics intro | Grade 5 robotics intro | Grade 5 robotics intro | Grade 5 robotics intro |  | Ozobots: geometry task cards  BeeBots: abc order, multiples of 7, weather terminology |
| K’nex simple machines  Keva castle |
| STEM: tallest structure with linguini and marshmallows – planning; book review for possible projects in MS |
| 10:30-11:45 | Grade 3 robotics intro | Grade 3 robotics intro | Grade 3 robotics intro | Grade 3 robotics intro |  | BeeBots: addition, subtraction, rounding to the nearest 10 |
| Lego – collaborative town  Keva – collaborative castle |
| STEM: tallest structure with linguini and marshmallows |
| 12:30 |  | Grade 2 – review expectations – Hecker - engineering process | Grade 2 – review expectations – Robinson - engineering process | Grade 2 – review expectations – Hall - engineering process | Grade 2 – review expectations – Kinder - engineering process | BeeBots: count by 2’s, 5’s, |
| Keva (castle), lego (town) |
| STEM: pasta marshmallow tower challenge (planning) |
| 2:00-3:30 |  | Grade 4 – review expectations – engineering process | Grade 4 – review expectations - engineering process | Grade 4 – review expectations - engineering process |  | Ozobots: paths  BeeBots: abc order, multiplication review |
| Keva  Knex simple machines |
| STEM: pipe cleaner challenge – planning 15 pipe cleaners tower |
| Oct. 1-5 | 9:00- 10 | Grade K robotics intro  Rower | Grade K robotics intro  McCarthy | Grade K robotics intro  Cutkay | Grade K robotics intro  Lyons | Grade K robotics intro  Griffin | BeeBots: colors, shapes, counting to 10 with dots and numerals, MSRB letter sounds |
| Lego (cooperative town) |
| Keva (cooperative castle) |
| 10-11 | Grade 1 – robotics intro  Linsenbigler | Grade 1 – robotics intro  Lotz | Grade 1 – robotics intro  Miller | Grade 1 – robotics intro  Andrews | Grade 1 – robotics intro  Healy | BeeBots: rhyming pictures with words; match lower to upper case; skip counting by 5s |
| Lego (cooperative town) |
| Keva (cooperative castle) |
| 12:45-2:00 | Grade 3 – review expectations  Gregory | Grade 3 – review expectations  Stetina | Grade 3 – review expectations | Grade 3 – review expectations |  | BeeBots: addition, subtraction, rounding to the nearest 10 |
| Keva, lego repeat |
| STEM 50 index card challenge |
| 2:00 | Grade 5 review  Hefner | Grade 5 review  Olson | Grade 5 review  Collie | Grade 5 review  Knight |  | Ozobots: geometry task cards  BeeBots: multiples of 9, 8, weather terminology |
| K’nex collaborative structure  Keva castle |
| STEM: 50 index card challenge |
| Oct. 8-12 | 9:00-10:15 | Grade 4 – coding intro -McDonald | Assembly | Grade 4 – coding intro - Dallaire | Grade 4 – coding intro - Bartles | Grade 4 – coding intro - Sundy | Ozobots: geometry task cards  Beebots: place value |
| Coding: Scratch, Jr. intro |
| Building:  Keva – watershed model  Varied materials: bone bridge |
| 10:15-11:30 | Grade 2 – coding intro - Lussier | Grade 2 – coding intro - Robinson | Grade 2 – coding intro - Hecker | Grade 2 – coding intro - Hall | Grade 2 – coding intro - Kinder | Beebots: abc order, patterns |
| Scratch, Jr. intro |
| Building:  Keva - building using squares (demo various square possibilities) |
| STEM: storybook challenge – build a way for the gingerbread man to cross the river |
| 12:00-1:15 | Grade K – review expectations  Rower | Grade K – review expectations  McCarthy | Grade K – review expectations  Lyons | Grade K – review expectations  Cutkay | Grade K – review expectations  Griffin | BeeBots: colors, shapes, counting to 10 with dots and numerals, MSRB letter sounds |
| Lego (cooperative town) |
| Keva (cooperative castle) |
| 1:15-2:30 | Grade 1– review expectations  Linsenbigler | Grade 1– review expectations  Lotz | Grade 1– review expectations  Miller | Grade 1– review expectations  Andrews | Grade 1– review expectations  Healy | BeeBots: rhyming pictures with words; match lower to upper case; abc order |
| Lego (cooperative town) |
| Keva (cooperative castle) |
| Oct. 15-19 | 9:00 | Grade 5 coding intro  Hefner | Grade 5 coding intro  Olson | Grade 5 coding intro  Collie | Grade 5 coding intro  Knight | Heather at ETF meeting | Keva: water to the town challenge |
| Scratch, Jr. |
| Beebots: multiplication 2x2, 2x3  Dash, sphero – maze running on automatic |
| 10:30-11:45 | Grade 3 coding intro  Stetina | Grade 3 coding intro  Peppel | Grade 3 coding intro  Gregory | Grade 3 coding intro  Carpenter | Beebots: addition to 2,3,4 digits with regrouping (differentiated) |
| Scratch, Jr. |
| K’nex: simple machines challenges  Building from scratch: make something that uses a simple machine |
| 12:30 | Grade 2 – review expectations  Lussier | Grade 2 – review expectations  Robinson | Grade 2 – review expectations  Hecker | Grade 2 – review expectations  Hall | Grade 2 – review expectations  Kinder | Beebots: abc order, patterns |
| Scratch, Jr. intro |
| Building:  Keva - building using squares (demo various square possibilities) |
| STEM: storybook challenge – build a way for the gingerbread man to cross the river |
| 2:00 | Grade 4 – review expectations  McDonald | Grade 4 – review expectations  Bartles | Grade 4 – review expectations  Dallaire | Grade 4 – review expectations  Sundy |  | Ozobots: geometry task cards  Beebots: place value, VA map |
| Coding: Scratch, Jr. |
| Building: Keva – watershed  Varied materials: bone bridge |
| Oct. 22-26 | 9:00- 10 | Grade K coding intro  Rower | Grade K coding intro McCarthy | Grade K coding intro  Cutkay | Grade K coding intro  Lyons | Grade K coding intro  Griffin | Read aloud, Coding a Sand Castle and active coding |
| Scratch, Jr. |
| Beebots: shapes, syllables. 5 senses  Keva: free play |
| 10-11 | Grade 1 – coding intro  Linsenbigler | Grade 1 – coding intro  Lotz | Grade 1 – coding intro  Miller | Grade 1 – coding intro  Andrews | Grade 1 – coding intro  Healy | Read aloud, Coding a Sand Castle and active coding |
| Scratch, Jr. |
| Beebots: syllables, counting by 10’s (mapping?)  Keva: counting objects to 25 |
| 12:45-2:00 | Grade 3 – review and build | Grade 3 – review and build | Grade 3 – review and build | Grade 3 – review and finish building |  | Beebots: addition to 2,3,4 digits with regrouping (differentiated) |
| Scratch, Jr. |
| K’nex: simple machines challenges  Building from scratch: make something that uses a simple machine that gets ball in two directions |
| 2:00 | Grade 5 review | Grade 5 review | Grade 5 review | Grade 5 review |  | Keva: water to the town challenge |
| Scratch, Jr. |
| Beebots: multiplication 2x2, 2x3  Dash, sphero – maze running on automatic |
| Oct. 29-Nov.2 | 9:00-10:15 | Grade 4 –McDonald | Grade 4 – Bartles | Grade 4 - Dallaire | Grade 4 - Sundy | Grade K makeup Griffin - coding | BeeBots: VA regions and mapping |
| Scratch, Jr. – teacher assigned task |
| STEM: catapult building |
| Keva: build Jamestown |
| 10:15-11:30 | Grade 2 – Lussier | Grade 2 – Robinson | Grade 2 – Hecker | Grade 2 – Hall | Grade 2 – Kinder | Beebots: time to the quarter hour and facts to 20 |
| Scratch, Jr. – teacher assigned task |
| STEM: planning to build Native American villages |
| 12:00-1:15 | Grade K – review expectations | Grade K – review expectations | Grade K – review expectations | Grade K – review expectations | Grade K – review expectations | active coding |
| Scratch, Jr. |
| Beebots: shapes, syllables. 5 senses  Keva: free play  Lego: free play |
| 1:15-2:30 | Grade 1– review expectations | Grade 1– review expectations | Grade 1– review expectations | Grade 1– review expectations | Grade 1– review expectations | active coding |
| Scratch, Jr. |
| Beebots: syllables, counting by 10’s (mapping?)  Keva: counting objects to 25  Lego Free play |
| Nov.5-9 | 9:00 | Grade 3 – intro to research | VOTE  7-11:30 YHS secondary PD playdate  12: Hanaway Aspen | Grade 3 – intro to research | Grade 3 – intro to research | Grade 3 – intro to research  Stetina | Ecosystems Sway research |
| Scratch, Jr. – food chain model |
| Dash: subtraction over zero  Beebot: story problems +- |
| 10:30 | Grade 5 – research and design | Grade 5 – research and design | Grade 5 – research and design | Grade 5 – research and design | Deep sea diving model research |
| Scratch, Jr. – science review animations |
| Dash: multiplication decimals |
| 12:30 | Grade 2 - Lussier | Grade 2- Hecker | Grade 2 - Hall | Grade 2 - Kinder | Build American Indian dwellings |
| If desired: Beebots facts to twenty, time or Scratch, Jr. |
| Or Keva village |
| 2:00 | Grade 4 - McDonald | Grade 4 Dallaire | Grade 4 Sundy | Grade 4 Bartles | Build catapults |
| Scratch, Jr. – Powhatan Indians foods animations |
| If desired, va regions Beebots |
| Nov. 12-16 | 9:00- 10 | Grade K engineering intro  Rower | Grade K engineering intro McCarthy | Grade K engineering intro  Cutkay | Grade K engineering intro  Lyons | Grade K engineering intro  Griffin | Read aloud,Twas the Night Before Thanksgiving, share photos of turkeys, diagram; students create diagram then build a turkey and a “hider” |
| 10-11 | Grade 1 – engineering intro  Linsenbigler | Grade 1 – engineering intro  Lotz | Grade 1 – engineering intro  Miller | Grade 1 - Andrews | Grade 1 – engineering intro  Healy | Read aloud,Twas the Night Before Thanksgiving, share photos of turkeys, diagram; students create diagram then build a turkey and a “hider” |
| 11-11::45 | Third grade intro to SWAY- ecosystems- Gregory | Third grade intro to SWAY- ecosystems- Stetina | Third grade intro to SWAY- ecosystems- Peppel | Third grade intro to SWAY- ecosystems- Carpenter |  |  |
| 12:45-2:00 | Third grade intro to SWAY- ecosystems- Gregory | Third grade intro to SWAY- ecosystems- Stetina | Third grade intro to SWAY- ecosystems- Peppel | Third grade intro to SWAY- ecosystems- Carpenter | Grade 2 – make up - Robinson – American Indian |  |
| 2:00 | open | Grade 5 - Olson | Grade 5 - Collie | Grade 5 - Collie | Grade 5 - Hefner | Deep Sea Diver challenge building |
| Nov. 19-20 | 9-10:30 | Set up second and fifth | Open for viewing second and fith | Thanksgiving holiday | | |  |
| 10:30-12 |  |
| 1:15-2:15 | Open for viewing second and fifth | Second and fifth get projects |  |
| 2:15-3:15 | Closed for set up for next week |  |
| Nov. 26-30 | 9:00-10:15 | Grade 4 –McDonald |  | Grade 4 - Dallaire | Grade 4 - Sundy | Grade 2 - Hecker | Squishy circuits holiday/winter light up sculptures |
| Candy cane packaging planning |
| Scratch, Jr. -ecosystems with rubric |
| 10:15-11:30 | Grade 2 – Lussier | Grade 2 – Robinson |  | Grade 2 – Hall | Grade 2 – Kinder | Squishy circuits holiday/winter light up sculptures |
| Candy cane packaging planning |
| Beebots: time, facts |
| 12:00-1:15 | Grade K – Rower | Grade K – McCarthy | Grade K – Cutkay | Grade K –Lyons | Grade K – Griffin | Kids K’nex |
| Scratch, Jr. winter theme |
| Keva – elf houses |
| 1:15-2:30 | Grade 1– Linsenbigler | Grade 1– Lotz | Grade 1– Miller | Grade 1– Andrews | Grade 1– Healy | Kids K’nex |
| Scratch, Jr. winter theme |
| Keva – elf houses |
| Dec. 3-7 | 9:00 | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Grade 5 – Collie | Grade 5 - Collie | Grade 5 – Hefner | Squishy circuits holiday/winter light up sculptures |
| Candy Cane packaging problem planning |
| Dash – maze dancing  Scratch, Jr – final science review projects |
| 10:30 | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Grade 3- Stetina | Grade 3 – Peppel | Grade 3 – Carpenter | Squishy circuits holiday/winter light up sculptures |
| Dash: subtraction over zero  Beebot: story problems +- |
| Candy cane packaging problem planning |
| 12:30 | Grade 2 – Lussier | Grade 2 – Robinson | Grade 2 – Hecker | Grade 2 – Hall | Grade 2 – Kinder | Squishy circuits holiday/winter light up sculptures |
| Candy cane packaging problem making |
| Dash: happy dance programming |
| 2:00 | Grade 4 – McDonald | Grade 4 – Bartles | Grade 4 -Dallaire | Grade 4 – Sundy | Gr. 4 - Bartles | Squishy circuits holiday/winter light up sculptures |
| Candy cane problem – making |
| Scratch, Jr. -ecosystems with rubric |
| Dec. 10-14 | 9:00 | Grade 5 – Olson | K – McCarthy | K – Cutkay | K – Lyons | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Dash: beginning programming |
| Scratch, Jr. – winter or holiday story |
| Make a snowflake – construction choices (research together) |
| 10:30 | Grade 3 – Gregory | 10:00  Grade 1 – Lotz | 10:00  Grade 1 – Miller | 10:00  Grade 1 – Andrews | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Dash: happy dance programming |
| Scratch, Jr. – winter or holiday story |
| Make a snowflake – construction choices (research together) |
| 12:45 | Grade 3 – Stetina | Grade 3- Peppel | Grade 3 – Carpenter | Grade 3 – Gregory | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Squishy circuits holiday/winter light up sculptures |
| Dash: subtraction over zero  Beebot: story problems +- |
| Candy cane packaging problem planning |
| 2:00 | Grade 5 – Collie | Grade 5 – Collie | Grade 5 – Hefner | Grade 5 – Olson | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Candy Cane packaging problem planning |
| Dash – maze dancing  Scratch, Jr – final science review projects |
| Candy Cane packaging problem planning |
| Dec. 17-19 | 9:00 | K – Rower | K – Griffin | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Winter Holiday | | Dash: happy dance programming |
| Scratch, Jr. – winter or holiday story |
| Make a snowflake – construction choices (research together) |
| 10:00 | Grade 1 - Linsenbigler | Grade 1 - Healy | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Dash: happy dance programming |
| Scratch, Jr. – winter or holiday story |
| Make a snowflake – construction choices (research together) |
|  | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans |  |
|  | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | Open – lego, keva, iK’nex, Pads, robotics – you bring the plans | CLOSED |  |