Productive Resources: Hop, Skip & Jump

**Introduction:** Learning about productive resources is just a hop, skip, and jump away.

**Grade Level:** K-3

**Time:** 20-25 minutes

**Objective:**

* The student will review and display understanding of the differences between human resources (people at work, labor), natural resources (water, wood, coal) and capital resources (tools, machines, buildings)

**Economic Concepts**

* **Productive resources**—all natural resources, human resources, and human-made resources (capital) used in the production of goods and services.
* **Natural resources**— “gifts of nature” that are present without human intervention.
* **Human resources**—the quantity and quality of human effort directed toward producing goods and services.
* **Capital resources**- goods made by people and used to produce other goods and services.

**Materials**:

* Visual- Productive Resources
* Productive Resource Cards
* Productive Resource Name Tents

**Procedure:**

1. Prepare materials prior to class. (Resource Cards and Resource Name Tents work best when run off on card stock.) Cut the resource cards out and place in a stack, face down. Cut the name tents out, fold on the dotted line, and place on flat surfaces in various locations around the classroom.
2. Introduce the lesson by saying that in order have the goods and services consumers want, producers must use specific productive resources.
3. Display the visual and review the contents with the students. **Human Resources-** people who work**, Natural Resources-** gifts from nature**, Capital Resources-** Tools, buildings and machines. If time allows, reinforce the concepts by having students sing the song, “We’ve Been Working on Production”.
4. Show the students the stack of Resource Cards and Resource Name Tents and tell them that it is their job to “hop, skip, and jump” these cards to their correct locations. Write the words hop, skip, and jump on the board for student reference.
5. Inform the students that when you call out the first letter of their last name they are to hop to the stack of cards, take the one on the top, hop it over to the correct location, hop back to their seats and wait for their letter to be called again. During the second round they are to skip through the process, and in the third round they are to jump. **Note**: Other types of selection ideas may be used such as birth months or color of clothing.
6. Once all of the cards have been sorted and the students have turned to their seats, check for understanding by asking them if they remember what was on a card they selected and where they placed it.

**Productive Resource Cards**

Extension Activities

The activities below are extension ideas for the use of the Productive Resource Cards. If it is necessary to create multiple card sets, use different colors of cardstock will allow for easy set sorting.

**Alphabetize**: Give pairs of students a selection of the Productive Resource Cards. Instruct them to shuffle the cards. Tell them that when you say “GO” they are to place the cards in A-B-C order. The pair that completes the task correctly first wins.

**Concentration**: Two sets of cards run off on the same color of paper are needed for this game. Divide the students into groups of two to four students. Each group receives an envelope containing the thirty-six cards. On the outside of the envelope print these directions:

1. Take cards from envelope and shuffle them.
2. Lay the cards face down on the table.
3. Take turns turning over two cards.
4. If the cards match, keep them and go again.
5. If they do not match replace them.
6. Repeat until all pairs have been matched.
7. The player with the most cards wins.

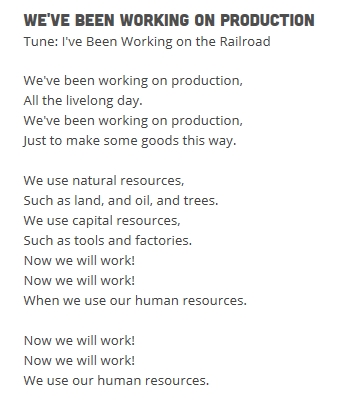
**Writing**: Sort the cards into natural, capital and human resources. Instruct students to randomly select one card from the three categories. Challenge them to write a story about how the human resource might be able to use the natural and capital resource to create a good or service. Students may share their stories with the class.

Visual-

Productive Resources

Productive resourcesare the natural resources, capital resources, andhuman resources, used to make goods and services.

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| NATURAL  MCj03914060000%5b1%5d  Gifts from Nature | CAPITAL  (cap-i-tool)  MCj03266380000%5b1%5d  Tools, buildings,  and machines | HUMAN  MCj03636100000%5b1%5d  People who work |



With Permission*: Martha Hopkins*

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| Apple  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC910216978[1].png | Corn  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900304899[1].wmf | Cashier  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900251693[1].wmf | Lettuce  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900250818[1].wmf |
| Bananas  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900436895[1].png | Chef  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900251697[1].wmf | Hammer  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900391178[1].wmf | Miner  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\DSJBZQ6W\MC900293994[1].wmf |
| Barber  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900279254[1].wmf | Dentist  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900251663[1].wmf | Ice Cream Truck Driver | Mixing Bowl  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WNZJDG6C\MC900217546[1].wmf |
| Barn  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\DSJBZQ6W\MC900303599[1].wmf | Eggs  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900441779[1].png | Janitor  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900251699[1].wmf | Nurse  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WNZJDG6C\MC900251671[1].wmf |
| Coal  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900352588[1].wmf | Farmer  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WNZJDG6C\MC900279252[1].wmf | Jars  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900325368[1].wmf | Nuts  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WNZJDG6C\MC900388786[1].wmf |

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| Oil  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900318856[1].wmf | Rocks  [http://us.cdn2.123rf.com/168nwm/theblackrhino/theblackrhino1009/theblackrhino100900003/7689864-a-pile-of-boulders-and-rocks.jpg](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=nPwgGHviI5rlnM&tbnid=F_CH5drKfHM3rM:&ved=0CAUQjRw&url=http://www.123rf.com/stock-photo/boulder.html&ei=HBoSU97xKajJ0QGP7IDIAw&psig=AFQjCNGigYrJhI_G4w69QU6XhukXSMVN3Q&ust=1393781591137170) | Spoons  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\DSJBZQ6W\MC900341024[1].wmf | TeacherC:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WNZJDG6C\MC900279226[1].wmf | Water  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\DSJBZQ6W\MC900384218[1].wmf |
| Oranges  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900151163[1].wmf | Rose  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900434842[1].png | Secretary  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WNZJDG6C\MC900279232[1].wmf | Grapes | Wrench  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\DSJBZQ6W\MC900334860[1].wmf |
| Pumpkins  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900436206[1].png | Train | Truck  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900389404[1].wmf | UmpireC:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\DSJBZQ6W\MC900241625[1].wmf | Yams |
| Pump  [https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcS1_s09nIIlzFndF5GfLBd6y4rTDA04SY-0dAses67ZPpLee757](http://www.google.com/url?sa=t&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&ved=0CAQQjRw&url=http://www.123rf.com/stock-photo/water_pump.html&ei=FxkSU6HcIuXV0gH2pYGYBA&usg=AFQjCNHMssaADKkr4aW-YG8hJpHQ-Yh_Yg) | Sun  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900391456[1].wmf | Trees  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900351314[1].wmf | Veterinarian  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\LFARS1E9\MC900282714[1].wmf | Zoologist |

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| C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900431525[1].png  **Human Resources-**People who work |
| **Human Resources-**People who work  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900431525[1].png |
| C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900346875[1].wmf  **Natural Resources-** Gifts from nature |
| **Natural Resources-** Gifts from nature  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900346875[1].wmf |
| C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900432556[1].png  **Capital Resources-**Tools, buildings and machines |
| **Capital Resources-**Tools, buildings and machines  C:\Users\JMU Econed\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6CGRG1UU\MC900432556[1].png |