figchild Package

Figures for Creating Children’s Activities
figchild: Figures for Creating Children’s Activities

https://github.com/fsbmat-ufv/figchild

version 1.1.1

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Abstract

This package was created with the aim of facilitating the work of Elementary School teachers who need to create colorful and attractive activities for their students. It is a product of the Computational Mathematics discipline offered at the Federal University of Viçosa - Campus UFV - Florestal by professor Fernando de Souza Bastos. It makes use of the tikz and xcolor packages.

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1 Introduction

This is a simple package to quickly make figures that can be used to build Basic Education activities. Of course, they can also be used for other purposes. It was created with the help of several students of Computational Mathematics discipline (MAF 172) from figures found in children’s activities applied by teachers from Brazil and the world. All students was added as authors of the package, as they contributed to the construction of the images, after learning how to use the tikz package. The discipline was offered by Professor Fernando de Souza Bastos at the Federal University of Viçosa - Campus UFV - Florestal (UFV), in Brazil.

Our goal is to contribute to Teaching and the creation of high quality typographic materials. Thus, we seek to reproduce several images used in lists of activities of Basic Education in Brazil and in the world. That way, the teacher who wants to create activities, does not need to waste hours creating such images or copying low quality images on the internet. Just use our package.

In addition to the images, we have also created some activities that can be copied and used by teachers. The activities are in Portuguese, but in future versions of the package we will also make them available in English.

http://lattes.cnpq.br/9772451905214345
The package is in a process of constant evolution, whenever possible, we will add other images and content in it. In Tables 1–18 we present all the images created so far. We also intend to add images related to commemorative dates such as Christmas, Easter, Halloween, among others. Enjoy the figchild package.

2 Usage

To use the package, simply add the command to your document’s preamble:

```
\usepackage{figchild}
```

After that, in the body of your text you must use the command of the figure you want with its three options, the first option is related to the size of the figure, the second option is related to color and the third option is related to line thickness of the figure. That is, the command can be indicated as:

```
\imagename{Picture size}{Picture color}{Line thickness}
```

For example, to create a little train in the center of the page, of size 2, gray color and with line thickness that defines it of size 2, just use:

```
\begin{center}
\fcTrain{2}{gray}{2}
\end{center}
```
3 Figures
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \fcAlligator{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcAlligator{0.7}{black}{1} |
| \fcAnt{#1}{#2}{#3}       | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcAnt{1}{black}{1} |
| \fcApple{#1}{#2}{#3}      | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcApple{0.7}{black}{2} |
| \fcBall{#1}{#2}{#3}       | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBall{0.7}{black}{1} |
| \fcBaseballBat{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBaseballBat{0.8}{black}{1} |
| \fcBat{#1}{#2}{#3}        | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBat{0.7}{black}{2} |
| \fcBear{#1}{#2}{#3}       | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBear{0.5}{black}{1} |
| \fcBee{#1}{#2}{#3}        | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBee{0.5}{black}{1} |

Table 1: Figures Model 1
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale</td>
<td><code>{0.5}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td><code>{1}{black}{1}</code></td>
</tr>
<tr>
<td><code>\text{Bell}{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td><code>\text{Bike}{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td><code>\text{Bird}{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td><code>\text{BirdA}{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td><code>\text{BirdB}{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td><code>{0.7}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td><code>\text{BirdC}{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td><code>{0.6}{black}{1}</code></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td><code>{0.6}{black}{2}</code></td>
</tr>
</tbody>
</table>

Table 2: Figures Model 2
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \fcBonnet{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBonnet{0.7}{black}{2} |
| \fcBookA{#1}{#2}{#3}  | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBookA{0.6}{black}{1} |
| \fcBookB{#1}{#2}{#3}  | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBookB{0.5}{black}{1} |
| \fcBroom{#1}{#2}{#3}  | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBroom{0.3}{black}{1} |
| \fcBull{#1}{#2}{#3}   | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBull{0.5}{black}{1} |
| \fcBullet{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBullet{0.7}{black}{1} |
| \fcBus{#1}{#2}{#3}    | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcBus{0.3}{black}{1}  |
| \fcButterfly{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcButterfly{0.5}{black}{1} |

Table 3: Figures Model 3
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| `\fcButterflyA{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Butterfly](#)  
`\fcButterflyA{0.6}{black}{1}` |
| `\fcButterflyB{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Butterfly](#)  
`\fcButterflyB{0.5}{black}{1}` |
| `\fcCandle{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Candle](#)  
`\fcCandle{0.5}{black}{1}` |
| `\fcCar{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Car](#)  
`\fcCar{0.7}{black}{2}` |
| `\fcCarrot{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Carrot](#)  
`\fcCarrot{0.3}{black}{1}` |
| `\fcCat{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Cat](#)  
`\fcCat{0.8}{black}{1}` |
| `\fcCentipede{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Centipede](#)  
`\fcCentipede{0.4}{black}{1}` |
| `\fcCherry{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Cherry](#)  
`\fcCherry{0.5}{black}{1}` |

**Table 4: Figures Model 4**
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>\fcChristmasTree{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Christmas Tree" />\fcChristmasTree{0.5}{black}{1}</td>
</tr>
<tr>
<td><code>\fcCloud{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Cloud" />\fcCloud{1}{black}{1}</td>
</tr>
<tr>
<td><code>\fcCow{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Cow" />\fcCow{0.8}{black}{1}</td>
</tr>
<tr>
<td><code>\fcCrownA{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Crown" />\fcCrownA{0.7}{black}{2}</td>
</tr>
<tr>
<td><code>\fcCupcake{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Cupcake" />\fcCupcake{0.7}{black}{2}</td>
</tr>
<tr>
<td><code>\fcDog{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Dog" />\fcDog{0.5}{black}{1}</td>
</tr>
<tr>
<td><code>\fcDolphin{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Dolphin" />\fcDolphin{0.5}{black}{1}</td>
</tr>
<tr>
<td><code>\fcDuck{#1}{#2}{#3}</code></td>
<td>#1: Figure Scale&lt;br&gt;#2: drawing line color&lt;br&gt;#3: Line thickness (pt)</td>
<td><img src="https://via.placeholder.com/50" alt="Duck" />\fcDuck{0.5}{black}{2}</td>
</tr>
</tbody>
</table>

**Table 5: Figures Model 5**
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| `\texttt{fcDuckA{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Duck](fduckA0.7-black-1.png) |
| `\texttt{fcDuckB{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Duck](fduckB0.4-black-1.png) |
| `\texttt{fcEgg{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Egg](fegg0.4-black-2.png) |
| `\texttt{fcEggA{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Egg](feggA0.5-black-2.png) |
| `\texttt{fcEggB{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Egg](feggB0.4-black-1.png) |
| `\texttt{fcEight{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![8](feight0.3-black-1.png) |
| `\texttt{fcElephant{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Elephant](felephant0.7-black-1.png) |
| `\texttt{fcElephantA{#1}{#2}{#3}}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Elephant](felephantA1-black-1.png) |

**Table 6: Figures Model 6**
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| fcFan{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Fan](fan.png) |
| fcFishA{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Fish A](fishA.png) |
| fcFishB{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Fish B](fishB.png) |
| fcFishC{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Fish C](fishC.png) |
| fcFive{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Five](five.png) |
| fcFlamingo{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Flamingo](flamingo.png) |
| fcFlamingoA{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Flamingo A](flamingoA.png) |
| fcFlower{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Flower](flower.png) |

**Table 7**: Figures Model 7
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| `\fcFlowerA{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFlowerA{0.5}{black}{1}` |
| `\fcFlowerB{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFlowerB{0.3}{black}{1}` |
| `\fcFlowerC{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFlowerC{0.5}{black}{1}` |
| `\fcFlowerD{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFlowerD{0.7}{black}{1}` |
| `\fcFlowerE{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFlowerE{0.1}{black}{1}` |
| `\fcFlowerF{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFlowerF{0.6}{black}{1}` |
| `\fcFlyingSaucer{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFlyingSaucer{0.6}{black}{1}` |
| `\fcFour{#1}{#2}{#3}` | #1: Figure Scale
#2: drawing line color
#3: Line thickness (pt) | `\fcFour{0.3}{black}{1}` |

Table 8: Figures Model 8
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \fcFrog{#1}{#2}{#3}  | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcFrog{0.5}{black}{1} |
| \fcGhost{#1}{#2}{#3} | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcGhost{0.7}{black}{1} |
| \fcGiraffe{#1}{#2}{#3} | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcGiraffe{0.5}{black}{2} |
| \fcGiraffeA{#1}{#2}{#3} | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcGiraffeA{0.4}{black}{1} |
| \fcGlass{#1}{#2}{#3} | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcGlass{0.5}{black}{2} |
| \fcGloves{#1}{#2}{#3} | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcGloves{0.07}{black}{1} |
| \fcGnat{#1}{#2}{#3}  | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcGnat{0.6}{black}{2} |
| \fcGoose{#1}{#2}{#3} | #1: Figure Scale  
                          #2: drawing line color  
                          #3: Line thickness (pt) | \fcGoose{0.7}{black}{1} |

**Table 9: Figures Model 9**
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \fcHat{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcHat{0.5}{black}{1} |
| \fcHatA{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcHatA{0.6}{black}{2} |
| \fcHippo{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcHippo{0.4}{black}{1} |
| \fcHorse{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcHorse{1}{black}{1} |
| \fcHouse{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcHouse{0.7}{black}{2} |
| \fcHouseA{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcHouseA{0.6}{black}{1} |
| \fcHouseB{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcHouseB{0.5}{black}{1} |
| \fcIceCream{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | \fcIceCream{0.5}{black}{1} |

Table 10: Figures Model 10
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| `\fcKey{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Key](image)       |
| `\fcKite{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Kite](image)      |
| `\fcLadyBug{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![LadyBug](image)   |
| `\fcLion{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Lion](image)      |
| `\fcMailbox{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Mailbox](image)   |
| `\fcMonkey{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Monkey](image)    |
| `\fcMoon{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Moon](image)      |
| `\fcMouse{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Mouse](image)     |

Table 11: Figures Model 11
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \fcMouseA{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Mouse](image) |
| \fcMug{#1}{#2}{#3}       | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Mug](image)   |
| \fcMushroom{#1}{#2}{#3}   | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Mushroom](image) |
| \fcNine{#1}{#2}{#3}       | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![9](image)     |
| \fcOctopus{#1}{#2}{#3}     | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Octopus](image) |
| \fcOne{#1}{#2}{#3}        | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![1](image)      |
| \fcOwlA{#1}{#2}{#3}       | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Owl A](image)  |
| \fcOwlB{#1}{#2}{#3}       | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Owl B](image)  |

**Table 12: Figures Model 12**
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \texttt{fcPeacock\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Peacock]  
\texttt{fcPeacock\{0.7\}\{black\}\{1\}} |
| \texttt{fcPencil\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Pencil]  
\texttt{fcPencil\{0.7\}\{black\}\{1\}} |
| \texttt{fcPencilA\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![PencilA]  
\texttt{fcPencilA\{0.1\}\{black\}\{1\}} |
| \texttt{fcPhone\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Phone]  
\texttt{fcPhone\{0.8\}\{black\}\{2\}} |
| \texttt{fcPig\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Pig]  
\texttt{fcPig\{0.5\}\{black\}\{1\}} |
| \texttt{fcPineapple\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Pineapple]  
\texttt{fcPineapple\{0.4\}\{black\}\{1\}} |
| \texttt{fcPlane\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Plane]  
\texttt{fcPlane\{1\}\{black\}\{1\}} |
| \texttt{fcPlaneA\{#1\}\{#2\}\{#3\}} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![PlaneA]  
\texttt{fcPlaneA\{1\}\{black\}\{1\}} |

**Table 13:** Figures Model 13
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \fcPumpkinA{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![PumpkinA]({#1}{black}{1}) |
| \fcRabbit{#1}{#2}{#3}   | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Rabbit]({#1}{black}{1}) |
| \fcRabbitA{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![RabbitA]({#1}{black}{1}) |
| \fcRobe{#1}{#2}{#3}    | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Robe]({#1}{black}{1}) |
| \fcRocket{#1}{#2}{#3}  | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Rocket]({#1}{black}{1}) |
| \fcSandal{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Sandal]({#1}{black}{1}) |
| \fcSeven{#1}{#2}{#3}  | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Seven]({#1}{black}{1}) |
| \fcSheep{#1}{#2}{#3} | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Sheep]({#1}{black}{1}) |

**Table 14: Figures Model 14**
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| `\fcSheet{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Leaf](#)  
`\fcSheet{0.7}{black}{1}` |
| `\fcShip{#1}{#2}{#3}`  | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Ship](#)  
`\fcShip{0.5}{black}{1}` |
| `\fcShootingStar{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Shooting Star](#)  
`\fcShootingStar{1}{black}{1}` |
| `\fcSix{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Six](#)  
`\fcSix{0.08}{black}{1}` |
| `\fcSock{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Sock](#)  
`\fcSock{0.5}{black}{1}` |
| `\fcSpider{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Spider](#)  
`\fcSpider{0.8}{black}{2}` |
| `\fcSquirrel{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Squirrel](#)  
`\fcSquirrel{0.5}{black}{1}` |
| `\fcSquirrelA{#1}{#2}{#3}` | #1: Figure Scale  
#2: drawing line color  
#3: Line thickness (pt) | ![Squirrel A](#)  
`\fcSquirrelA{0.7}{black}{1}` |

Table 15: Figures Model 15
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| \fcStar{#1}{#2}{#3} | #1: Figure Scale  
                        | #2: drawing line color  
                        | #3: Line thickness (pt) | \fcStar{0.5}{black}{1} |
| \fcStarA{#1}{#2}{#3} | #1: Figure Scale  
                      | #2: drawing line color  
                      | #3: Line thickness (pt) | \fcStarA{0.5}{black}{1} |
| \fcStrawberry{#1}{#2}{#3} | #1: Figure Scale  
                       | #2: drawing line color  
                       | #3: Line thickness (pt) | \fcStrawberry{0.5}{black}{1} |
| \fcStrawberryA{#1}{#2}{#3} | #1: Figure Scale  
                        | #2: drawing line color  
                        | #3: Line thickness (pt) | \fcStrawberryA{0.5}{black}{1} |
| \fcSun{#1}{#2}{#3}   | #1: Figure Scale  
                        | #2: drawing line color  
                        | #3: Line thickness (pt) | \fcSun{1}{black}{1} |
| \fcSunA{#1}{#2}{#3}  | #1: Figure Scale  
                        | #2: drawing line color  
                        | #3: Line thickness (pt) | \fcSunA{0.8}{black}{1} |
| \fcSunB{#1}{#2}{#3}  | #1: Figure Scale  
                        | #2: drawing line color  
                        | #3: Line thickness (pt) | \fcSunB{0.5}{black}{1} |
| \fcTen{#1}{#2}{#3}   | #1: Figure Scale  
                        | #2: drawing line color  
                        | #3: Line thickness (pt) | \fcTen{0.3}{black}{1} |

**Table 16**: Figures Model 16
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
</table>
| `\fcThree{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![3](image1.png) |
| `\fcTractor{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![Tractor](image2.png) |
| `\fcTrain{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![Train](image3.png) |
| `\fcTruck{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![Truck](image4.png) |
| `\fcTrunk{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![Trunk](image5.png) |
| `\fcTurtle{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![Turtle](image6.png) |
| `\fcTurtleA{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![TurtleA](image7.png) |
| `\fcTwo{#1}{#2}{#3}` | #1: Figure Scale  
|               | #2: drawing line color  
|               | #3: Line thickness (pt)  | ![Two](image8.png) |

Table 17: Figures Model 17
<table>
<thead>
<tr>
<th>Command</th>
<th>Options</th>
<th>Figures</th>
</tr>
</thead>
<tbody>
<tr>
<td>\fcUmbrella{#1}{#2}{#3}</td>
<td>#1: Figure Scale</td>
<td><img src="image" alt="Umbrella" /></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td></td>
</tr>
<tr>
<td>\fcVan{#1}{#2}{#3}</td>
<td>#1: Figure Scale</td>
<td><img src="image" alt="Van" /></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td></td>
</tr>
<tr>
<td>\fcWatermelon{#1}{#2}{#3}</td>
<td>#1: Figure Scale</td>
<td><img src="image" alt="Watermelon" /></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td></td>
</tr>
<tr>
<td>\fcWitchHat{#1}{#2}{#3}</td>
<td>#1: Figure Scale</td>
<td><img src="image" alt="Witch Hat" /></td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td></td>
</tr>
<tr>
<td>Put the Figure Here!{#1}{#2}{#3}</td>
<td>#1: Figure Scale</td>
<td>Put the Figure Here!</td>
</tr>
<tr>
<td></td>
<td>#2: drawing line color</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#3: Line thickness (pt)</td>
<td></td>
</tr>
<tr>
<td>Table 18: Figures Model 18</td>
<td><img src="image" alt="Table" /></td>
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</tr>
</tbody>
</table>
4 Activity Suggestions

In the next pages we create activities in Portuguese, mathematics and ludic activities, which can be used by teachers, parents, monitors or by people interested in teaching elementary school children. With basic commands you can create an entire page of activities and print. The commands follow below. Enjoy the figchild package!

<table>
<thead>
<tr>
<th>Activity</th>
<th>Command</th>
<th>Idiom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabA{}</td>
<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabB{}</td>
<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabC{}</td>
<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabD{}</td>
<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
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<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabF{}</td>
<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabG{}</td>
<td>Portuguese</td>
</tr>
<tr>
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<td>\fcsilabI{}</td>
<td>Portuguese</td>
</tr>
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<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabL{}</td>
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<td>\fcsilabM{}</td>
<td>Portuguese</td>
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<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabN{}</td>
<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabO{}</td>
<td>Portuguese</td>
</tr>
<tr>
<td>Complete Missing Syllables</td>
<td>\fcsilabP{}</td>
<td>Portuguese</td>
</tr>
</tbody>
</table>

Table 19: Complete Missing Syllables
Complete as palavras com as sílabas abaixo:

MA  SO  CA  LA
GA  GO  BE  BAS

JA___RÉ FORMI___ ___ÇÃ

BO___  ____TÃO  UR___

MORCE___  A___LHA
Complete as palavras com as sílabas abaixo:

CLE  RO  LHA  SÁ

NO  RO  CO  PAS

ABE____  SI____  BAR____

PAS____RO  _____SÁRO  PASSÁ____

PASSÁ____  BICI____TA
Complete as palavras com as sílabas abaixo:

LI  BUS  BO  SOU

VRO  LA  BOR  BOI

___NÉ  LI___  ______VRO

VAS___RA  ___  BA___

___ONI___  ___BOLETA
Complete as palavras com as sílabas abaixo:

CE____JA____ BORBOLE____ VE____

CAR____ ___NOURA GA____

CEN____PÉIA BOR____LETA
Nome: ____________________________
Escola: __________________________
Professor(a): ______________________

Complete as palavras com as sílabas abaixo:

VA  NHO  VO  CA
NU  RO  TO  KE

ÁR____RE  ____VEM  ____CA

GOLFI____  CUPCA____  PA_____

CO____A  CACHOR_____

figchild - Pacote do \LaTeX{} para criação de Atividades
Complete as palavras com as sílabas abaixo:

VO  TE  PA  O
TO  TO  FAN  VO

____TO  PA____  O____

____VO  O____  8oi____

ELEFAN____  ELE____TE
Complete as palavras com as sílabas abaixo:

PE  FLA  DOR  PE  
XE  GO  FLOR  CO

____  PEI____  ____IXE

____IXE  5CIN____  FLAMIN____

____MINGO  VENTILA____
Complete as palavras com as sílabas abaixo:

FLOR  DOR  FLOR  FLOR
FLOR  FLOR  TRO  FLOR

____  _____  _____

____  _____  _____

DISCO VOA____  4QUA____
Nome: 
Escola: 
Professor(a): 

Complete as palavras com as sílabas abaixo:

GI  TO  PO  RA
MA  VA  SO  PO

SA____  FANTAS____  ____RAFA

GI____FA  CO____  LU____

MOSQUI____  GAN____
Complete as palavras com as sílabas abaixo:

CHA____  ____PÉU  CA____

CA____  HIPOPÓ____MO  ____SA

CA____LO  SOR____TE
Complete as palavras com as sílabas abaixo:

NHA  LU  VE  LE
PA  CA  TO  RE

MA____CO  PI____  JOANI____
___ÃO  RA____  OCHA____

A  CAIXA DE COR____IO
Complete as palavras com as sílabas abaixo:

ME  JA  RA  VE
NE  UM  RU  VO

___TO  CA___CA  COGU___LO

9NO___  POL____  1

CORU____  CO____JA
Complete as palavras com as sílabas abaixo:

LÁ  ÆO  VÃO  FO
PIS  TE  AVI  CO
PA____ LÁ____ AVI____
____PIS  POR____  ABACA____
TELE____NE  __ãO

Nome: ______________________
Escola: _____________________
Professor(a): ____________________
Complete as palavras com as sílabas abaixo:

LHO    TE    BO    PÃO
E    DÁ    LHA    GUE

7 SE____

CO____LHO

COE____

ROU____

FO____TE

OVE____

ABÓ____RA

SAN____LIA
Complete as palavras com as sílabas abaixo:

LA QUI OVE SE
VIO NHA ES ME

LHA NA ESTRE

IS IA ARA

ES LO QUILO

Nome: ____________________
Escola: ___________________
Professor(a): ____________________
Complete as palavras com as sílabas abaixo:

RAN  SOL  TRE  MO
LA  SOL  DEZ  SOL

ES___LA  ESTRE___  10___

___  ___  ___

MO___GO  ____RANGO