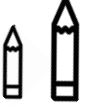
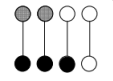


# Lernlandkarte Klasse 1 Mathematik

Vorläuferfertigkeiten

|                                                                                                                                                                                        |                                                                                                                 |                                                                                                                |                                                                                                                                                                                                          |                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|  <p>Vergleichen</p>  | <p>Figur-Grundwahrnehmung</p>  | <p>Raum-Lage-Beziehung</p>  |  <p>Ordnen und Klassifizieren</p>  | <p>Eins-zu-eins-Zuordnung</p>  |
|                                                                                                                                                                                        |                                                                                                                 |                                                                                                                |                                                                                                                                                                                                          |                                |

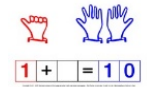
ZR 10  
nicht-operativ

|                                                                                                                       |                                                                                                                                |                                                                                                                                                |   |   |   |   |   |   |   |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|
| <div>Zahlzerlegung</div> <div></div> | <div>Zählen, Zahlenreihen</div> <div></div> | <div>Zahlverständnis/<br/>Mengen erfassen</div> <div></div> |   |   |   |   |   |   |   |
| <div>Ziffern / Zahlenweg</div>                                                                                        |                                                                                                                                |                                                                                                                                                |   |   |   |   |   |   |   |
| 0                                                                                                                     | 9                                                                                                                              | 8                                                                                                                                              | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|                                      |                                                                                                                                |                                                                                                                                                |   |   |   |   |   |   |   |

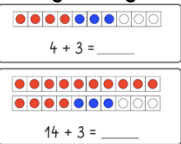
ZR 20  
nicht-operativ

|                                                                                                            |                                                                                                        |                                             |                                                                                                               |                                                                                                                       |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <p>Zahlen darstellen</p>  | <p>Stellenwerte</p>  | <p>Zahlenreihe</p> <p>...15,16,17,18...</p> | <p>Zahlen vergleichen</p>  | <p>gerade und ungerade Zahlen</p>  |
|                                                                                                            |                                                                                                        |                                             |                                                                                                               |                                   |

ZR 10  
operativ

|                                                                                                                       |                                                                                                                     |                                                                                                               |                                                                                                              |                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Subtraktion automatisieren</p>  | <p>Addition automatisieren</p>  | <p>Rechenstrategien</p>  | <p>Ergänzen bis 10</p>  | <p>Addition und Subtraktion verstehen</p>  <p>2 + 5 = 7<br/>6 - 1 = 5</p> |
|                                    |                                                                                                                     |                                                                                                               |                                                                                                              |                                                                                                                                                                |

ZR 20  
operativ

|                                               |                                                  |                                                                                                               |                                                                                                                       |                                                                                         |                                                                                             |
|-----------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <p>Addition bis 20 oZÜ</p> <p><b>- 20</b></p> | <p>Subtraktion bis 20 oZÜ</p> <p><b>+ 20</b></p> | <p>Analogieaufgaben</p>  | <p>Verdoppeln und Halbieren</p>  | <p>Addition bis 20 mZÜ</p> <p>9 + <math>\begin{matrix} 6 \\ 1 \end{matrix}</math> 5</p> | <p>Subtraktion bis 20 mZÜ</p> <p>15 - <math>\begin{matrix} 8 \\ 5 \end{matrix}</math> 3</p> |
|-----------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

## Raum und Form

Raum-Lage-Beziehung



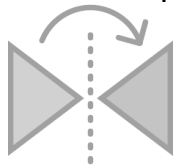
Grundformen



Muster und Parkettierung



Symmetrie/ Spiegeln



## Größen und Messen

Zeit



## Daten und Wahrscheinlichkeiten

Kombinatorik

