

# A M a) \_ Developing Learning Targets

### Defining Forma i e A e men

 Carra
 <td

La a, a a a a ca ca c.l a, C R<sub>a</sub> T<sub>a</sub> b, a a a a a a a a a a

Talla ca acca, a



by Cheryl Rose Tobey Senior Mathematics Associate at Education Development Center (EDC)

C \ R\_ - T\_ b \ . \_ c c \_ F\_ a c .' b . b \_ . . . . a a . \_ a a \_ . .





## Background Information: How learning targets are being talked about in the field



#### Table 2: Summary of Definitions and Characteristics from the Field

Learning Targets, Moss and Brookhart, ASCD, 2012	
Learning Targets:	Criteria for Success:
• G a ,	A, aca,
• La, a, a, a, a, a	• A - e - • • • •
<ul> <li>D - c b c e e a e a</li></ul>	• A , ▶ H <sub>e</sub> I. , I ac a. ?, • S c c , a , a. • U , a ab • V , b • L , , -, • Ob, ab , a, ab • S
Learning Target Example (p.166):	ਦ ਦ
<ul> <li>I a . b ab a ca ca ca .</li> <li>12 9+3 b . c : 438+152; 219+363</li> <li>Criteria for Success:</li> <li>I ca a a .</li> <li>Ca . a .</li> </ul>	al. a a a 10 8+2 a ac a a l a a b a
Formative Assessment, Heritage, Corwin, 2010	
Learning Goals: D a a contra I car a car T ca Fa a Arror	Criteria for Success: I a a a a a a a a a a a a a a a a a a a
Learning Goals: U a a a a a a a a a a a a a a a a a a a	e (ac , a e e e a ) b e a a b ,
• O a b . 0-12. acc a · ac	





### Digging Deeper: Defining the components of a two-part learning target

 A
 a
 a
 a
 a
 a
 a
 c
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a
 a

- (G 3):1
  b , ..., 56 ...8a
  b c , ac , a 56 b c , a a
  a & a , a a 'b , a ,
  56 b c , a a
  b c', ac . F, a , c b ac
  c a b , a , a b , c a

Eac , , a a , , a, , ca , a , c, a, , b, b , ab a, c a , acc a , R ca a a a c, a a , acc a , R ca a a a c, a a , a , a a a c, c, c , a , a a , c . T , c , , , a , a a , b ab , a , , , a a , ac , ac , c , a , , a a , c, c , a ca b a , a , a a , c, c , a ca b a , a

 T
 . ab
 a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a
 . a<

larget Example - Before and After				
	After Support			
ve:	Math idea we're learning about:			
ab	• Aa, cab, e			
- ,	Ca e			
, <b>x</b>	l will know that l've learned this idea if:			
	■lcacaaa a ca <sub>e</sub> b ■lca ,cb <sub>e</sub> aa , , ca <sub>e</sub>			

#### Table 3: Learning Target Example - Before and After

Before Support Math learning objective: S b ab

МС

Table 4: Examples, Skills, and Processes		
Procedurally Focused	Analytically Focused	
• Caca a a 🗸	E a v	
■ F <sub>ee</sub> a <sub>e</sub> c	• U, a	
■S <sub>e</sub> aeb	Pere /	
■ D a	Gaac er	
Ea 🍡 🖉 👞	a 🗸	
	■S <sub>ee</sub> aa	
	a 🝖 🤟 b	
	e Ce C →	

Table 5: Summary of Development Steps	
Starting from a Lesson	
STEP 1 I Ve Me ac	
STEP 2 A c a a a · a a · a a · a a · a a · a a	
STEP 3 • C • cc • cc • BDC 10 0 0 10 175.9 654.1531 T2 • BDC c.04 P	!∖a7



#### References

- C<sub>a</sub> c C S a Sc O c .. (2008).
   A b c a and A R
   Oc b 23,2015, :// .cc, / D<sub>a</sub> c ... / 2008/A b c \_\_ E c \_\_2008.
- Bac, P., & Wa, D. (1998). A, a
   ca, a
   ca, Eca, Pc
   Pack Pacc, 5(1), 773.
- C & B P P , ://c -c c . c /2015/02/ - a -a-- a --1- a - a - a - a - a - a - a /
- C , S.J., R, T, b, C., Ka , J., E., Fala, E.
   (2015). B , S , F, a
   A , A , E , a , T, a R , c , Ma
   M G a , T , a Oa , CA: C .
- Ha , J., & T , H. (2007). T
   bac. R E ca R > a c , 77, 81-112.
- P<sub>e</sub> a , W. J. (2008). Ta , a a, w. J. (2008). Ta , a a, a a, v. A A a, v.
- R T b , C & C , , L. (2013). D
   S -R a La -: T C ca R F bac.
   ASCD E --- :// .a-c , /a-c --/
   8/811- b .a-
- Sa , R<sub>a</sub> c D. (1989). F<sub>a</sub> a and a a
   c a Sc c , 18,119 144.
- W a , D. & La \, S. (2015). E b a a→→→→ : P ac ca c ▲→ -12 ca→→ a W → Pa B ac , FL: La → Sc c→l a a.

