

# APPENDIX B

## Hardcopy Diagnostic Assessment

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The hardcopy diagnostic assessment may be used in lieu of the online diagnostic assessment to place students in the continuum of 420 clusters. Where the online assessment involves students responding to selected response items for each cluster, the hardcopy assessment involves students responding to a pair of words for each cluster.

The first two terms are from the first cluster, the next two terms are from the second cluster, and so on. To illustrate, the first term is *can* and the second term is *will*. Both are from the first cluster titled *Modals*. Terms for cluster 50 are *moon* and *planet*. Both are from the 50th cluster titled *Bodies in Space*.

To place a student on the continuum of 420 clusters, the teacher begins with the first two test words. Again, they are *can* and *will*. The teacher asks the student to use each of the two terms in a sentence. For example, the teacher points to the word *can* and pronounces it for the student and then says, “Please use *can* in a sentence.” If the answer provided by the student leaves the teacher in doubt regarding the student’s understanding of the term, the teacher simply asks the student to use the term in another sentence or asks the student to explain the term.

If the student misses one or both terms for cluster 1, the teacher stops there and begins instruction on the words from cluster 1. If the student addresses both terms correctly, the teacher moves up to cluster 25. If the student addresses both of these terms correctly, the teacher jumps up to cluster 50. The teacher keeps jumping up 25 clusters until the student does not respond correctly to one or both of the test terms. In such cases, the teacher starts moving back one cluster at a time until the student reaches a cluster where he or she addresses both terms correctly.

To illustrate this progression, assume that a student addresses both terms correctly for cluster 1. The teacher moves up to cluster 25 and the student again addresses both terms correctly. The teacher moves up to cluster 50 where the student addresses only one of the terms correctly. The teacher then moves down to cluster 49 where the student does not address either of the terms correctly. The teacher moves down to cluster 48 where the student addresses one of the terms correctly. The teacher moves down to cluster 47 where the student addresses both terms correctly. At this point, the teacher stops the assessment and considers cluster 48 the starting point for the student.

## Hardcopy Diagnostic Assessment

1	can will	2	during while	3	do have	4	am is
5	too with	6	they him	7	her its	8	what when
9	to at	10	to since	11	that which	12	how why
13	each either	14	good-bye maybe	15	more very	16	ready early
17	left right	18	almost enough	19	half less	20	far apart
21	forward backwards	22	indoors outside	23	under underneath	24	late afterward
25	where anywhere	26	top overhead	27	without instead	28	number dozen
29	Tuesday February	30	maybe allegedly	31	please hopefully	32	turkey ostrich
33	big tiny	34	any nobody	35	tadpole kitten	36	tree flower
37	corner edge	38	catch toss	39	climb lift	40	do use
41	own belong	42	we're they're	43	sad sorry	44	carry mail
45	happy celebrate	46	choice appoint	47	helmet glasses	48	breakfast dessert
49	point address	50	moon planet	51	drink chew	52	month decade
53	lullaby rhyme	54	ballet solo	55	care enjoy	56	person hero
57	blue green	58	best important	59	fast hurry	60	kindergarten classroom
61	say recite	62	glove sandal	63	run hike	64	dog lion
65	horse kangaroo	66	go travel	67	idea forget	68	student graduate
69	empty hollow	70	fish seal	71	read trace	72	truth mistake
73	foot spoonful	74	mix mustard	75	finger shoulders	76	leg ankle
77	show cartoon	78	cold hot	79	noon overnight	80	tooth tongue

81	he's here's	82	turtle dinosaur	83	today ancient	84	bell siren
85	I'll she'll	86	butter cheese	87	island coast	88	nurse doctor
89	win champion	90	air weather	91	kitchen hallway	92	rope glue
93	driveway drawbridge	94	aunt grandparent	95	caterpillar dragonfly	96	cup mug
97	row glide	98	pile bunch	99	deep tall	100	greet thank
101	snow rainbow	102	lake ocean	103	noise quiet	104	money dime
105	talk discuss	106	shelter jail	107	fix build	108	twig branch
109	bank purse	110	help protect	111	lady female	112	paper chalkboard
113	chair cradle	114	lot place	115	face forehead	116	free expensive
117	fly soar	118	oven furnace	119	hammer shovel	120	plane helicopter
121	home tent	122	buy earn	123	floor doorstep	124	snack spaghetti
125	jeans nightgown	126	once annual	127	sink leak	128	train motorcycle
129	fold wrinkle	130	flake slice	131	hug cuddle	132	nap dream
133	mud soil	134	blanket pillowcase	135	look focus	136	ham bacon
137	smart wise	138	story mystery	139	garden playground	140	ear nostril
141	drop tumble	142	square cube	143	doll toy	144	calendar watch
145	jacket cape	146	work hire	147	start try	148	steal attract
149	wave salute	150	they've we've	151	grin frown	152	kiss lick
153	syrup brownie	154	coach study	155	beak fin	156	laugh yawn
157	skin beard	158	ball softball	159	canoe submarine	160	body lap
161	hurt shoot	162	grill fry	163	scissors axe	164	basket tank
165	ring creak	166	add multiply	167	clown model	168	hill cliff

169	rest delay	170	sit kneel	171	keep hide	172	city downtown
173	mayor candidate	174	banana strawberry	175	meow purr	176	milk coffee
177	ask question	178	rag cotton	179	circus party	180	country continent
181	stick log	182	pull yank	183	game race	184	lose trade
185	clean sweep	186	pretty handsome	187	fat skinny	188	mouse squirrel
189	zoo birdhouse	190	theater stadium	191	blood sweat	192	lawn seaweed
193	flat steep	194	pet fossil	195	flag badge	196	blow pant
197	hit knead	198	blame scold	199	roll spin	200	family democracy
201	prize medal	202	soft hard	203	boy man	204	child teenager
205	friend neighbor	206	villain pest	207	command forbid	208	corn tomato
209	bicycle football	210	grocery restaurant	211	brave loyal	212	button sleeve
213	bone muscle	214	price rent	215	last finish	216	rock slide
217	gate fence	218	line zigzag	219	alphabet Braille	220	burn ignite
221	easy difficult	222	sweet sour	223	brush shampoo	224	comb ribbon
225	search investigate	226	wind thunder	227	cupid fairy	228	gentle grateful
229	runner batter	230	sick disease	231	pill crutch	232	hunger thirsty
233	time bedtime	234	tire cockpit	235	couldn't won't	236	job chore
237	jewel stone	238	sentence noun	239	art photograph	240	safe risk
241	sneeze snort	242	cut carve	243	evil worst	244	piano banjo
245	dead born	246	food seafood	247	meet connect	248	dictionary diary
249	solve compose	250	break crash	251	bar pipe	252	copy example
253	strong clumsy	254	gun sword	255	recommend convince	256	postcard poster

257	medicine religion	258	band team	259	steel metal	260	fight war
261	luck chance	262	plain blank	263	costume uniform	264	choir singer
265	firefighter policeman	266	pastor bishop	267	hole canyon	268	mask flap
269	rose daisy	270	circle loop	271	light bright	272	candle lamp
273	purpose cause	274	I'd you'd	275	battery engine	276	keyboard robot
277	plan goal	278	proud confident	279	map graph	280	play motion
281	shake vibrate	282	bounce fidget	283	magnify expand	284	curtain banner
285	seriously honestly	286	language vocabulary	287	itch fever	288	trash litter
289	popular common	290	rare weird	291	fear nervous	292	mad dislike
293	expect miss	294	responsible eager	295	crazy wild	296	pool dam
297	butcher baker	298	police navy	299	change opposite	300	follow chase
301	crumble shorten	302	split separate	303	shape pattern	304	practice stretch
305	blister sunburn	306	dark shadow	307	avalanche earthquake	308	hop jump
309	shrimp lobster	310	saddle leash	311	mean violent	312	upset disappoint
313	hope doubt	314	oil fuel	315	handle knob	316	ladder pedal
317	guest stranger	318	sled snowplow	319	title nickname	320	rule regulation
321	church shrine	322	open shut	323	strong delicate	324	barn storeroom
325	thing object	326	sharp dull	327	angle radius	328	secret private
329	grow survive	330	giant dwarf	331	tractor wheelbarrow	332	free obedient
333	author speaker	334	janitor garbageman	335	station airport	336	stomach heart
337	sand pebble	338	stop avoid	339	kick stamp	340	sum total
341	gorilla monkey	342	become seem	343	pioneer citizen	344	star celebrity

<b>345</b>	tattle admit	<b>346</b>	record video	<b>347</b>	attention interest	<b>348</b>	recipe routine
<b>349</b>	opinion belief	<b>350</b>	shy bashful	<b>351</b>	naughty dishonest	<b>352</b>	hose faucet
<b>353</b>	cloud fog	<b>354</b>	naked informal	<b>355</b>	leader owner	<b>356</b>	babysitter paperboy
<b>357</b>	astronaut scientist	<b>358</b>	guard slave	<b>359</b>	carpenter plumber	<b>360</b>	judge lawyer
<b>361</b>	maid butler	<b>362</b>	forest jungle	<b>363</b>	prairie field	<b>364</b>	tower building
<b>365</b>	shop office	<b>366</b>	farm ranch	<b>367</b>	tape pack	<b>368</b>	fail succeed
<b>369</b>	happily luckily	<b>370</b>	magic trick	<b>371</b>	blind deaf	<b>372</b>	shine reflect
<b>373</b>	measure weigh	<b>374</b>	thermometer yardstick	<b>375</b>	dry overcast	<b>376</b>	smoke ash
<b>377</b>	oxygen caffeine	<b>378</b>	concern guilt	<b>379</b>	grumpy rude	<b>380</b>	surprise amaze
<b>381</b>	skill talent	<b>382</b>	expert beginner	<b>383</b>	promise vow	<b>384</b>	define represent
<b>385</b>	lazy casual	<b>386</b>	lucky successful	<b>387</b>	strict stubborn	<b>388</b>	holy heathen
<b>389</b>	careful slack	<b>390</b>	sideways diagonal	<b>391</b>	afloat inland	<b>392</b>	waiter chef
<b>393</b>	mailman postmaster	<b>394</b>	cowboy lumberjack	<b>395</b>	customer merchant	<b>396</b>	secretary clerk
<b>397</b>	pilot skipper	<b>398</b>	desert rural	<b>399</b>	hospital clinic	<b>400</b>	monument landmark
<b>401</b>	audience council	<b>402</b>	plant irrigate	<b>403</b>	force pressure	<b>404</b>	germ bacteria
<b>405</b>	invisible dim	<b>406</b>	cloud thunderhead	<b>407</b>	neat tidy	<b>408</b>	crawl sneak
<b>409</b>	stand posture	<b>410</b>	math algebra	<b>411</b>	have to had better	<b>412</b>	event attempt
<b>413</b>	vote elect	<b>414</b>	pipe cigar	<b>415</b>	paint dye	<b>416</b>	scare startle
<b>417</b>	jealous grudge	<b>418</b>	magnet electric	<b>419</b>	machine appliance	<b>420</b>	camera telescope