



## Performance Levels: TerraNova 3

### Cut Scores

Performance level cut scores were determined for each grade level, rather than by grade grouping, in the table on the following pages. The table displays *TerraNova 3* empirical (\*) and interpolated performance level cut scores by Scale Score for each content area and level of *TerraNova 3*, Complete Battery, including Level 10. (Interpolated cut scores are rounded up.) Using this table allows educators to compare a student’s performance to a criterion-referenced proficiency level based on the national standard-setting conducted by CTB/McGraw-Hill. (Please see the *TerraNova, Third Edition* Technical Report, pages 321–324, for information on cut score validation.) To determine a student’s proficiency level on *TerraNova 3*, use the student’s Scale Score in a content area and assessment level to look up where it falls on the table. You may also use the mean Scale Score for groups of students (e.g., all sixth graders, or all students in a class, or all gifted and talented students) to determine the average proficiency level for that specific group of students.

The Lowest Obtainable Scale Score (LOSS) and the Highest Obtainable Scale Score (HOSS) information in the table simply establish the range of Scale Scores that were used in the standard-setting procedure. These scores are established for students based on a rational but necessarily non- maximum likelihood procedure. (For more details, please see the *TerraNova, Third Edition* Technical Report, page 196.)

### Performance Level Scale Score Ranges by Test level

LEVEL 10*	Reading	Language	Math	Science	Social Studies
Advanced (5)	570–626	597–620	535–629	n/a	n/a
Proficient (4)	527–569	544–596	491–534	n/a	n/a
Nearing Prof. (3)	494–526	507–543	452–490	n/a	n/a
Progressing (2)	470–493	484–506	415–451	n/a	n/a
Starting Out (1)	355–469	325–483	290–414	n/a	n/a
LOSS/HOSS	355/626	325/620	290/629	n/a	n/a

<b>LEVEL 11*</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	622–701	649–680	585–680	617–692	629–651
Proficient (4)	581–621	598–648	542–584	566–616	590–628
Nearing Prof. (3)	545–580	557–597	505–541	530–565	552–589
Progressing (2)	519–544	530–556	471–504	498–529	529–551
Starting Out (1)	407–518	400–529	324–470	345–497	385–528
LOSS/HOSS	407/701	400/680	324/680	345/692	385/651
<b>LEVEL 12*</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	655–722	666–706	623–720	650–743	649–720
Proficient (4)	616–654	621–665	581–622	594–649	608–648
Nearing Prof. (3)	581–615	588–620	549–580	557–593	574–607
Progressing (2)	554–580	560–587	518–548	525–556	552–573
Starting Out (1)	423–553	424–559	347–517	361–524	395–551
LOSS/HOSS	423/722	424/706	347/720	361/743	395/720
<b>LEVEL 13</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	671–750	676–730	665–740	673–759	664–745
Proficient (4)	639–670	637–675	625–664	624–672	634–663
Nearing Prof. (3)	608–638	605–636	592–624	589–623	603–633
Progressing (2)	579–607	577–604	559–591	556–588	578–602
Step 1 (1)	427–578	455–576	385–558	400–555	430–577
LOSS/HOSS	427/750	455/730	385/740	400/759	430/745
<b>LEVEL 14</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	689–780	686–757	683–770	687–799	687–763
Proficient (4)	653–688	654–685	651–682	645–686	658–686
Nearing Prof. (3)	622–652	625–653	616–650	611–644	621–657
Progressing (2)	593–621	595–624	578–615	574–610	589–620
Step 1 (1)	433–592	465–594	403–577	421–573	460–588
LOSS/HOSS	433/780	465/757	403/770	421/799	460/763
<b>LEVEL 15*</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	703–790	705–782	699–797	701–809	700–770
Proficient (4)	671–702	673–704	669–698	663–700	668–699
Nearing Prof. (3)	638–670	643–672	634–668	630–662	634–667
Progressing (2)	605–637	612–642	599–633	594–629	602–633
Step 1 (1)	475–604	480–611	430–598	440–593	495–601
LOSS/HOSS	475/790	480/782	430/797	440/809	495/770
<b>LEVEL 16</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	712–800	710–808	721–820	713–833	713–786
Proficient (4)	678–711	681–709	688–720	673–712	676–712

Nearing Prof. (3)	643–677	650–680	652–687	642–672	638–675
Progressing (2)	615–642	620–649	621–651	608–641	608–637
Step 1 (1)	486–614	495–619	477–620	473–607	505–607
LOSS/HOSS	486/800	495/808	477/820	473/833	505/786
<b>LEVEL 17</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	717–810	718–814	728–850	725–842	726–793
Proficient (4)	687–716	688–717	695–727	687–724	688–725
Nearing Prof. (3)	656–686	659–687	661–694	660–686	650–687
Progressing (2)	626–655	627–658	634–660	632–659	619–649
Step 1 (1)	498–625	502–626	487–633	483–631	515–618
LOSS/HOSS	498/810	502/814	487/850	483/842	515/793
<b>LEVEL 18*</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	729–820	724–819	743–872	739–857	732–803
Proficient (4)	696–728	692–723	709–742	703–738	693–731
Nearing Prof. (3)	665–695	665–691	677–708	678–702	660–692
Progressing (2)	637–664	638–664	649–676	650–677	634–659
Step 1 (1)	507–636	523–637	502–648	487–649	523–633
LOSS/HOSS	507/820	523/819	502/872	487/857	523/803
<b>LEVEL 19</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	734–833	735–829	759–877	747–870	738–813
Proficient (4)	704–733	700–734	722–758	713–746	701–737
Nearing Prof. (3)	676–703	672–699	689–721	687–712	669–700
Progressing (2)	649–675	647–671	660–688	661–686	648–668
Step 1 (1)	512–648	530–646	513–659	489–660	530–647
LOSS/HOSS	512/833	530/829	513/877	489/870	530/813
<b>LEVEL 20</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	751–838	747–835	777–892	757–893	748–821
Proficient (4)	717–750	712–746	738–776	722–756	712–747
Nearing Prof. (3)	685–716	682–711	704–737	694–721	678–711
Progressing (2)	656–684	655–681	671–703	666–693	653–677
Step 1 (1)	529–655	535–654	530–670	501–665	548–652
LOSS/HOSS	529/838	535/835	530/892	501/893	548/821
<b>LEVELS 21/22*</b>	<b>Reading</b>	<b>Language</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
Advanced (5)	765–866	765–852	797–915	778–910	766–848
Proficient (4)	731–764	729–764	759–796	742–777	728–765
Nearing Prof. (3)	699–730	696–728	723–758	712–741	694–727
Progressing (2)	673–698	668–695	691–722	684–711	673–693
Step 1 (1)	542–672	551–667	560–690	538–683	558–672
LOSS/HOSS	542/866	551/852	560/915	538/910	558/848