

ATOS™ Conversion Chart to 2,000-Point Scale* (Detailed)

ATOS Grade Level Scale	2,000-Point Scale	ATOS Grade Level Scale	2,000-Point Scale	ATOS Grade Level Scale	2,000-Point Scale	ATOS Grade Level Scale	2,000-Point Scale	ATOS Grade Level Scale	2,000-Point Scale	ATOS Grade Level Scale	2,000-Point Scale
0.1	15	3.0	440	5.9	910	8.8	1188	11.7	1413	14.6	1617
0.2	19	3.1	459	6.0	921	8.9	1192	11.8	1420	14.7	1624
0.3	23	3.2	479	6.1	931	9.0	1201	11.9	1427	14.8	1631
0.4	27	3.3	491	6.2	941	9.1	1211	12.0	1434	14.9	1638
0.5	31	3.4	511	6.3	951	9.2	1222	12.1	1441	15.0	1645
0.6	35	3.5	530	6.4	969	9.3	1237	12.2	1448	15.1	1652
0.7	39	3.6	549	6.5	979	9.4	1242	12.3	1455	15.2	1659
0.8	43	3.7	561	6.6	989	9.5	1258	12.4	1462	15.3	1666
0.9	47	3.8	580	6.7	999	9.6	1265	12.5	1469	15.4	1673
1.0	51	3.9	600	6.8	1009	9.7	1272	12.6	1476	15.5	1680
1.1	71	4.0	619	6.9	1019	9.8	1279	12.7	1483	15.6	1687
1.2	92	4.1	631	7.0	1029	9.9	1286	12.8	1490	15.7	1694
1.3	120	4.2	650	7.1	1040	10.0	1293	12.9	1497	15.8	1701
1.4	140	4.3	669	7.2	1052	10.1	1300	13.0	1504	15.9	1708
1.5	157	4.4	681	7.3	1061	10.2	1307	13.1	1511	16.0	1715
1.6	170	4.5	701	7.4	1070	10.3	1314	13.2	1518	16.1	1722
1.7	190	4.6	720	7.5	1080	10.4	1321	13.3	1525	16.2	1730
1.8	202	4.7	731	7.6	1088	10.5	1328	13.4	1532	16.3	1737
1.9	221	4.8	750	7.7	1098	10.6	1335	13.5	1539	16.4	1744
2.0	241	4.9	769	7.8	1109	10.7	1342	13.6	1547	16.5	1751
2.1	261	5.0	781	7.9	1117	10.8	1349	13.7	1554	16.6	1758
2.2	289	5.1	800	8.0	1121	10.9	1356	13.8	1561	16.7	1765
2.3	301	5.2	811	8.1	1130	11.0	1364	13.9	1568	16.8	1772
2.4	329	5.3	829	8.2	1140	11.1	1371	14.0	1575	16.9	1779
2.5	348	5.4	841	8.3	1149	11.2	1378	14.1	1582		
2.6	361	5.5	860	8.4	1152	11.3	1385	14.2	1589		
2.7	381	5.6	870	8.5	1161	11.4	1392	14.3	1596		
2.8	401	5.7	888	8.6	1170	11.5	1399	14.4	1603		
2.9	420	5.8	899	8.7	1178	11.6	1406	14.5	1610		

* The 2000-point scale Renaissance Learning has created above is a transformation of a book's ATOS level to a scale that is similar—but not identical—to the Lexile scale. The transformation was derived by analyzing ATOS and Lexile data on more than 19,000 books. ATOS measures are based on four characteristics of the book (average sentence length, average word length, vocabulary grade level, and the number of words in the book), while Lexile measures are based on two (sentence length and word frequency).

Because Lexile uses fewer characteristics to estimate the reading difficulty level of a book, Renaissance Learning would expect Lexile to be somewhat less accurate than ATOS. The 2000-point scale information should be useful to anyone who is accustomed to using Lexiles, because its values will be reasonable approximations in most cases. Lexile and the Lexile Framework are registered trademarks of MetaMetrics, Inc.