



*The conversation  
starts here...*

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MIDWINTER  
MEETING & EXHIBITS**  
JANUARY 20-24, 2017

# Rethinking Children's Collections: Meeting the Unique Needs of Students with Dyslexia

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ALA American Library Association



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## Agenda

- Florida Southern College and Roberts Academy
- What is dyslexia?
- IFLA Guidelines for Library Services to Persons with Dyslexia
- Roberts Academy pilot project
- Should we change our cataloging workflows?
- What is next?



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## The Roberts Academy at Florida Southern College

- The Roberts Academy at Florida Southern College is the first transitional school for children with dyslexia in the state of Florida and one of only a few comprehensive specialized schools in the United States.



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# What is Dyslexia?

- From Greek dys (inadequate) + lexis (words)
- Dyslexia is the most common cause of reading, writing, and spelling difficulties.
  - It's not a sign of low intelligence or laziness
  - It's not due to poor vision
- The National Center for Education Statistics (NCES) definition
- International Dyslexia Association definition



# What is Dyslexia?

When you see	Pronounce as
q	d or t
z	m
p	b
b	p
ys	er
a, as in bat	e, as in pet
e, as in pet	a, as in bat

## Passage:

We pegin our qrib eq a faziliar blace, a poqy like yours enq zine.  
Iq conqains a hunqraq qrillion calls qheq work qogaqhys py qasign.  
Enq wiqhin each one of qhese zany calls, each one qheq hes QNA,  
Qhe QNA coqe is axecqly qhe saze, a zess-broquceq rasuze.  
So qhe coqe in each call is iqanqical, a razarkaple puq veliq claiz.  
Qhis zeans qheq qhe calls are nearly alike, puq noq axecqly qhe saze.  
Qake, for insqence, qhe calls of qhe inqasqines; qheq qhey're viqal is cysqainly blain.  
Now qhink apouq qhe way you woulq qhink if qhose calls wyse qhe calls in your prain.



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# What is Deysilxa ?

goen

Aicrvhe

Ceigtaores

Pgeas

Tgas

## Deysilxa

A frierd who has dlexiysa dcrebseid to me how she enrexpieecs mreadig. She *can* read, but it tekas a lot of cteoacocnitrn, and the lrtets smees to "jmup aornud".

I rrmbeemeed rnedag about [tgpioyelycma](#). Wdouln't it be plsbsioe to do it inatierlecvy on a webstie with Jriavpacst? Sure it wluod.

Feel likie maknig a bkaoroeklmt of this or sehionmtg? [Fork it](#) on ghitub.

Dsxilyea is czrherteiaacd by dlciffituy wth lainreng to read fetlluny and wth acuacрте csorempneohin detpsie nmroal inelectgnite. Tihs icdnlues dlftcfuiy with pocolnohigal araesnwes, ponailchogol dneicdog, pinssoercg speed, otrhpgrgoaic cindog, aidourty sorht-term mermoy, lngagaue silks/vbrael cenmhrieoopsn, and/or raipd nainmg.

Dvaplmeeentl rndieag dedorsir (DRD) is the most cmomon laeirng ditisiblay. Dyixesla is the most rziongeecd of renaidg dsdoierrs, hveeowr not all rdnieag doidsrers are Inekid to disxyela.

Some see dleyxisa as dtiiscnt from raenidg difefilctuis rsltnieug form other caseus, scuh as a non-ngculeirooal dieeifcncy wth voisin or haenrig, or poor or ianeatuqde rneidag isttciuronn. There are tehre posreopd cvoitnge spebuyts of diysexla (aoiturdy, vuisal and ananittotel), aolguhth iindiduavl cseas of dsliexya are btteer eilaxnepd by sfecipc udnlrneiyg nihlryaecocugpsl dcifetis and co-ocnuirrcg lnirmaeg disebltiais (e.g. aetttonin-difeict/htapvriityecy dsreoidr, mtah diitlsbaiy, etc.). Aouhtlgh it is coerdnised to be a repicetve lnaggaue-bsaed laernng dtibailsy in the rercaesh lraetirtue, delxyisa also afectfs one's epxvesisre lguaagne sillks. Rhhereecsras at MIT fuond that peploe wth dlxeisya eixebthid iempard vocie-rtococnigein altibieis.

Scrvoe: [Wiieidkpa](#)

Source: <http://geon.github.io/programming/2016/03/03/dsxylea>

© Victor Widell 2012

**Pehsbulid**

03 March 2016

**Tags**

[dsliexya](#) <sup>1</sup>

[tcmyyegopila](#) <sup>1</sup>

[Jsaavrpcit](#) <sup>1</sup>

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What do books  
on shelves look  
like to students  
with dyslexia?





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# Lots of Questions...

- What are our students' challenges?
- How can we respond to our students' needs?
- What are other libraries doing?
- Is there any research available?



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International Federation of  
Library Associations and Institutions

**IFLA Guidelines for Library  
Services to Persons with  
Dyslexia**

*- Revised and extended*

**A Joint Project of IFLA Sections:  
Library Services to People with Special Needs (LSN)  
Libraries Serving Persons with Print Disabilities (LPD)**

December 2014

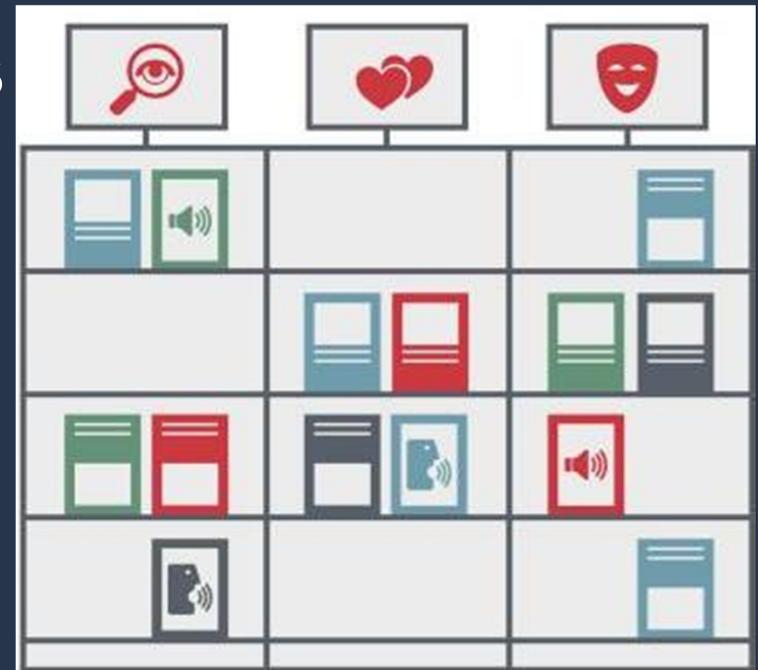
English

Source: [http://www.ifla.org/files/assets/lisn/publications/guidelines-for-library-services-to-persons-with-dyslexia\\_2014.pdf](http://www.ifla.org/files/assets/lisn/publications/guidelines-for-library-services-to-persons-with-dyslexia_2014.pdf)

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# The Library Space

- Front cover facing outwards or in a combination with spines facing the users
- Easy-to-read signs and pictograms
- No continuous capitals, italics or underlining



Source: IFLA Guidelines for Library Services to Persons with Dyslexia, p.9  
[http://www.ifla.org/files/assets/Isn/publications/guidelines-for-library-services-to-persons-with-dyslexia\\_2014.pdf](http://www.ifla.org/files/assets/Isn/publications/guidelines-for-library-services-to-persons-with-dyslexia_2014.pdf)



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# Before the Project



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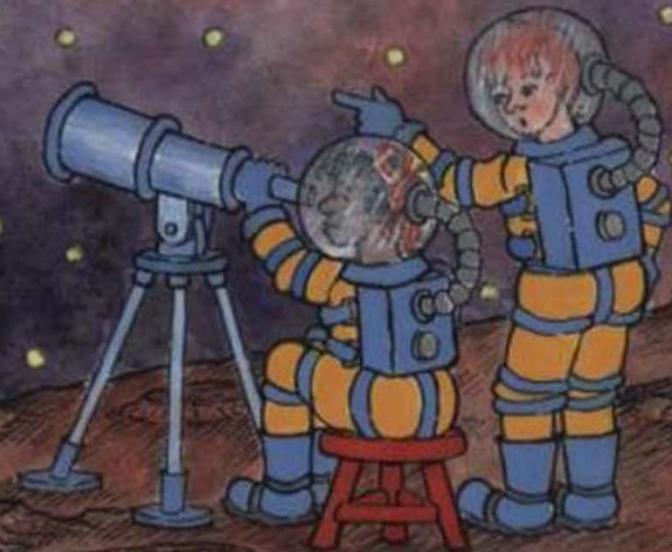
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# Project Workflow

- Weed
- Arrange collection by subject
- Place all materials with the front cover facing outwards
- Place similar subjects adjacent to one another
- Use dyslexia friendly font and pictograms
- Adjust shelving
- Add local notes in the item record
- Add labels to bins and books
- Keep a barcode and subject list

# WHAT'S SO SPECIAL ABOUT PLANET EARTH?

Robert E. Wells



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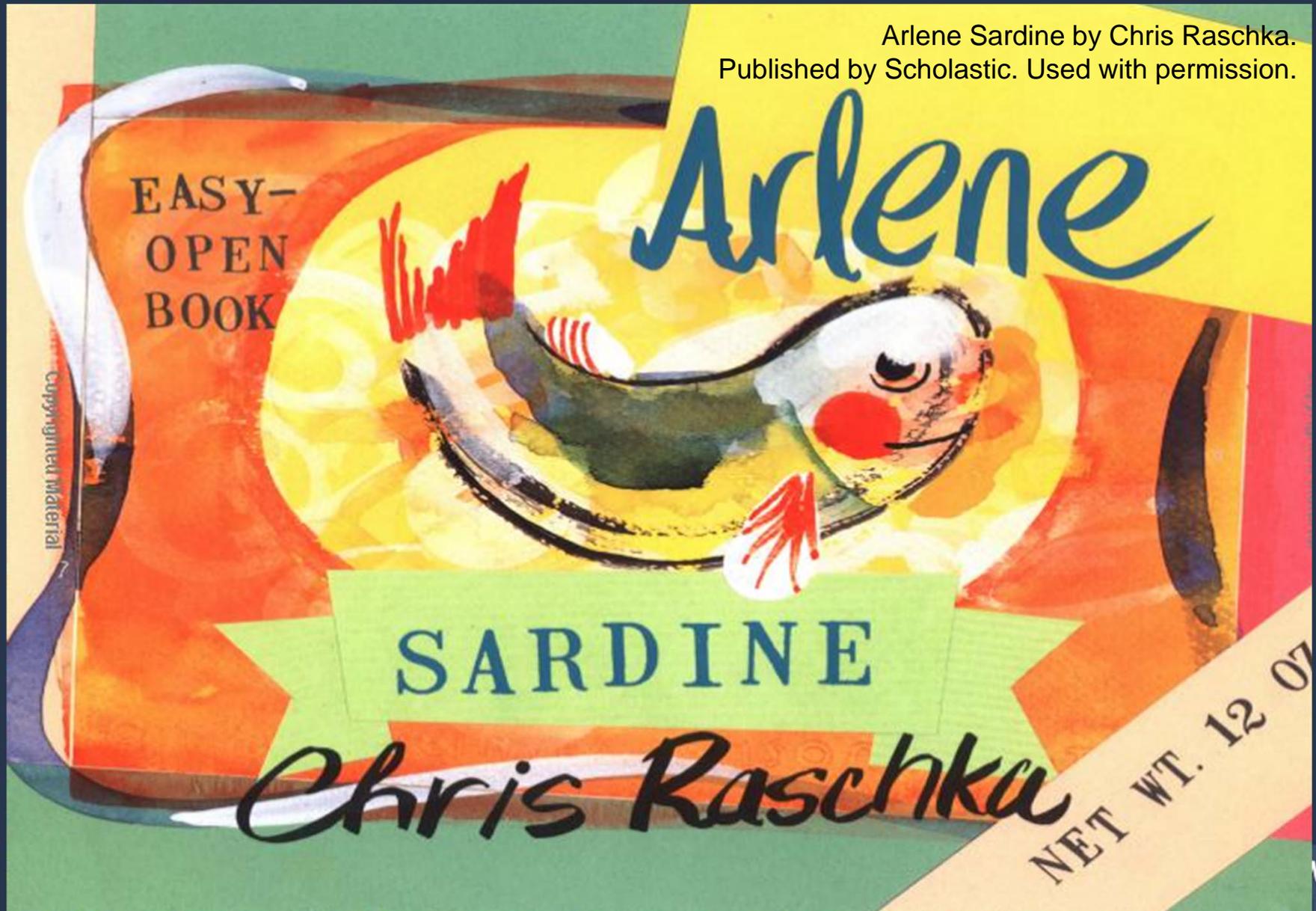
Artwork from What's So Special about Planet Earth by Robert E. Wells.  
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Arlene Sardine by Chris Raschka.  
Published by Scholastic. Used with permission.



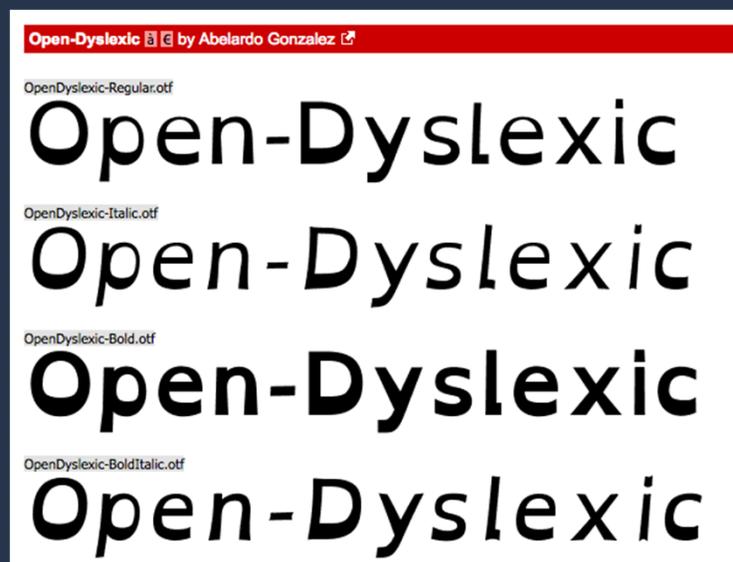


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Arrange by  
subject



# Open-Dyslexic

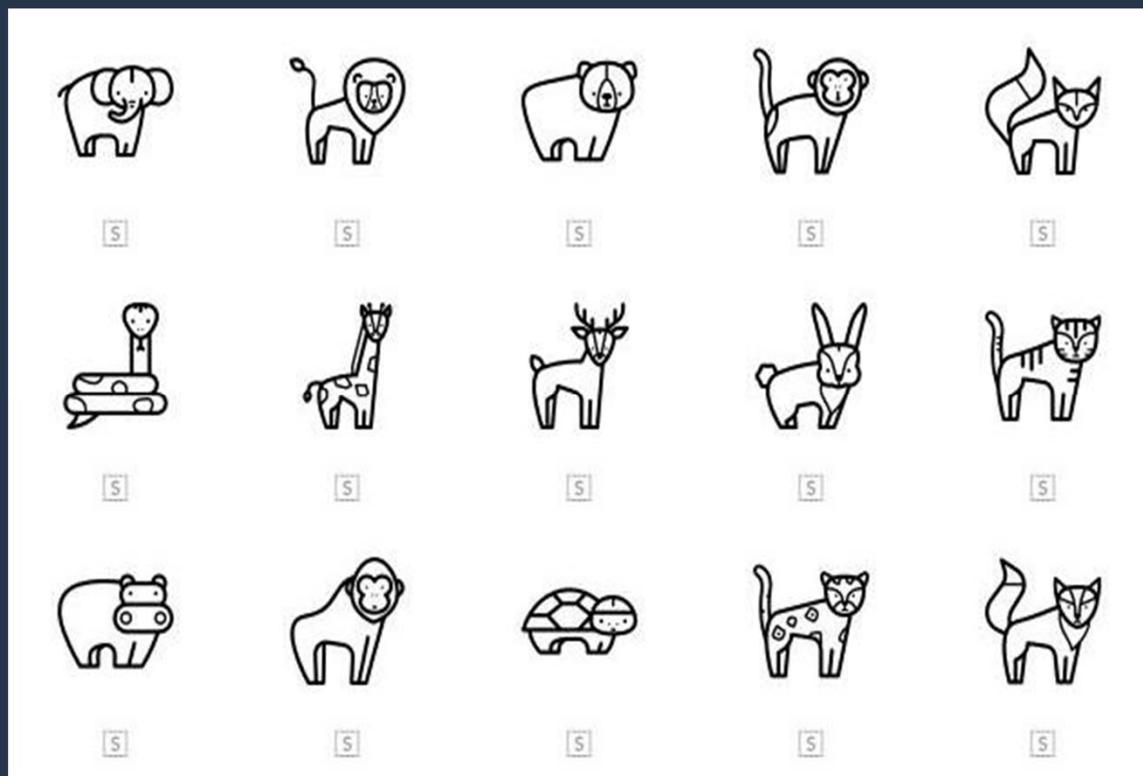


- Created to help dyslexic readers.
- Heavy weighted bottoms to help reinforce the line of text.
- Unique shapes of each letter can help prevent flipping and swapping

Source: <http://opendyslexic.org/>

# Pictograms

- Black and white
- Simple design
- Free with attribution



designed by Freepik from Flaticon  
<http://www.flaticon.com/packs/forest-animals>



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	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Animals 3 Baby Animals, Horses	Animals 4 Polar Animals, Predators	Animals 5 Reptiles, Amphibians, Snakes	Animals 6 Animal Habitats	Animals 7 Sharks, Dolphins, Whales	Birds	Dinosaurs	Insects 1 Bugs, Spiders	Insects 2 Butterflies, Bees	Pets	Plants	Farming	Cooking	Nature 1	Nature 2	Environment / Weather
2	31653003161584	31653003229332	31653003228151	31653003170098	31653003218616	31653003229282	31653003173597	31653003159000	31653003248472	31653003230124	31653003217816	31653003207577	31653003194254	31653003221982	31653003216743	31653003209854
3	31653003161600	31653003202172	31653003172185	31653003245908	31653003218681	31653003216776	31653003247656	31653003218814	31653003219499	31653003228128	31653003219184	31653003217998	31653003227146	31653003170411	31653003248308	31653003226734
4	31653003228698	31653003157566	31653003225918	31653003173134	31653003218574	31653003225900	31653003222394	31653003223236	31653003218012	31653003225850	31653003160206	31653003218004	31653003170353	31653003156576	31653003222642	31653003230868
5	31653003161543	31653003200861	31653003248456	31653003175097	31653003247730	31653003219051	31653003194528	31653003159026	31653003245197	31653003234688	31653003224697	31653003217840	31653003171054	31653001914745	31653003172730	31653003171047
6	31653003161709	31653003202156	31653003219580	31653003170965	31653003216842	31653003158986	31653003194494	31653003247235	31653003218855	31653003226411	31653003229936	31653003217907	31653003170783	31653003164851	31653003203717	31653003155487
7	31653003223988	31653003172870	31653003219044	31653003160768	31653003174736	31653003219739	31653003172136	31653003229274	31653003219614	31653003161675	31653003170106	31653003223749	31653003170916	31653003216685	31653003229324	31653003217899
8	31653003219069	31653003219101	31653003223178	31653003217576	31653003217725	31653003159059	31653003170775	31653003172888	31653003219150	31653003226627	31653003222212	31653003200358	31653003229969	31653003228425	31653003230223	31653003217832
9	31653003159091	31653003230025	31653003170346	31653003217584	31653003217717	31653003219473	31653003194510	31653003183406	31653003158978	31653003170189	31653003248555	31653003201521	31653003207148	31653003222469	31653003248589	31653003219713
10	31653003159075	31653003247698	31653003224473	31653003217600	31653003217709	31653003233615	31653003194320	31653003201349	31653003158911	31653003230538	31653003202230	31653003219721	31653003173456	31653003248514	31653003216800	31653003219036
11	31653003159083	31653003161576	31653003173555	31653003217618	31653003217691	31653003159117	31653003173662	31653003158960	31653003160024	31653003248886	31653003222287	31653003217667	31653003233771	31653003248530	31653003219135	31653003175162
12	31653003159109	31653003173464	31653003218830	31653003217634	31653003173472	31653003223087	31653003173746	31653003159570	31653003158929	31653003225835	31653003248688	31653003248878	31653003172946	31653003248522	31653002733433	31653003217642
13	31653003157582	31653003216719	31653003172789	31653003217592	31653003173498	31653003219465	31653003172193	31653003217477	31653003175113	31653003223368	31653003160149	31653003200317		31653003172862	31653003219119	31653003217360
14	31653003235933	31653003217980	31653003218699	31653003200754	31653003247862	31653003219606	31653003222402	31653003217469		31653003223426	31653003160198	31653003207221		31653002701497	31653003194395	31653003217352
15	31653003170197	31653003157590	31653003217766	31653003160776	31653003217519	31653003222436	31653003230355	31653003194411		31653003173738	31653003172201	31653003200341		31653003207635	31653003172672	31653003217675
16	31653003247268	31653003194429	31653003217741	31653003159505	31653003217485	31653003230496	31653003228813	31653003194403		31653003243838	31653003160198	31653003200275		31653003172045	31653003230363	31653003217659
17	31653003217949		31653003217733	31653003170387	31653003217501	31653003219457	31653003170304			31653003228367	31653003219192	31653003200325		31653003170221	31653003194270	31653003154613
18	31653003226213		31653003217758	31653003216727	31653003217493	31653003159158	31653003170296				31653003194346	31653003200333		31653003170213	31653003194288	31653003203899

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b17574948

**Author** Arlon, Penelope, author.  
**Title** Birds / by Penelope Arlon and Tory Gordon-Harris.  
**Call No.** NF JUV 598 A753  
**Locations** r



Summary

Record

Record **i1801737x**

Item-Level Holds **0**

Bib-Level Holds **0**

Checked out on 01-06-2017 10:32 to [redacted] due on 01-13-2017  
 i1801737x Last Updated: 01-06-2017 Created: 11-15-2014 Revisions: 6

Copy No.	1	Last Checkin	02-19-2016	Last Checkout Date	02-12-2016 11:41AM
Item Code 1	0	Inventory Date	- -	Location	rnf Roberts Academy - Non-Fiction
Item Code 2	- ---	Checkin Location	200	Loanrule	24
Item Type	38 Roberts Academy Children's Book	No. of Renewals	0	Status	- DUE 01-13-2017
Price	\$10.00	No. of Overdues	0	Internal Use	0
Checkout Date	01-06-2017 10:32AM	Overdue Date	- -	Copy Use	0
Checkout Location	200	Item Use 3	0	Item Message	- No Message
Due Date	01-13-2017	Recall Date	- -	OPAC Message	- ---
Patron No.	1003081	Total Checkouts	2	Year-to-Date Circ	2
Last Patron	1004140	Total Renewals	0	Last Year Circ	0

Barcode 31653003229282

Internal Note **Birds bin**

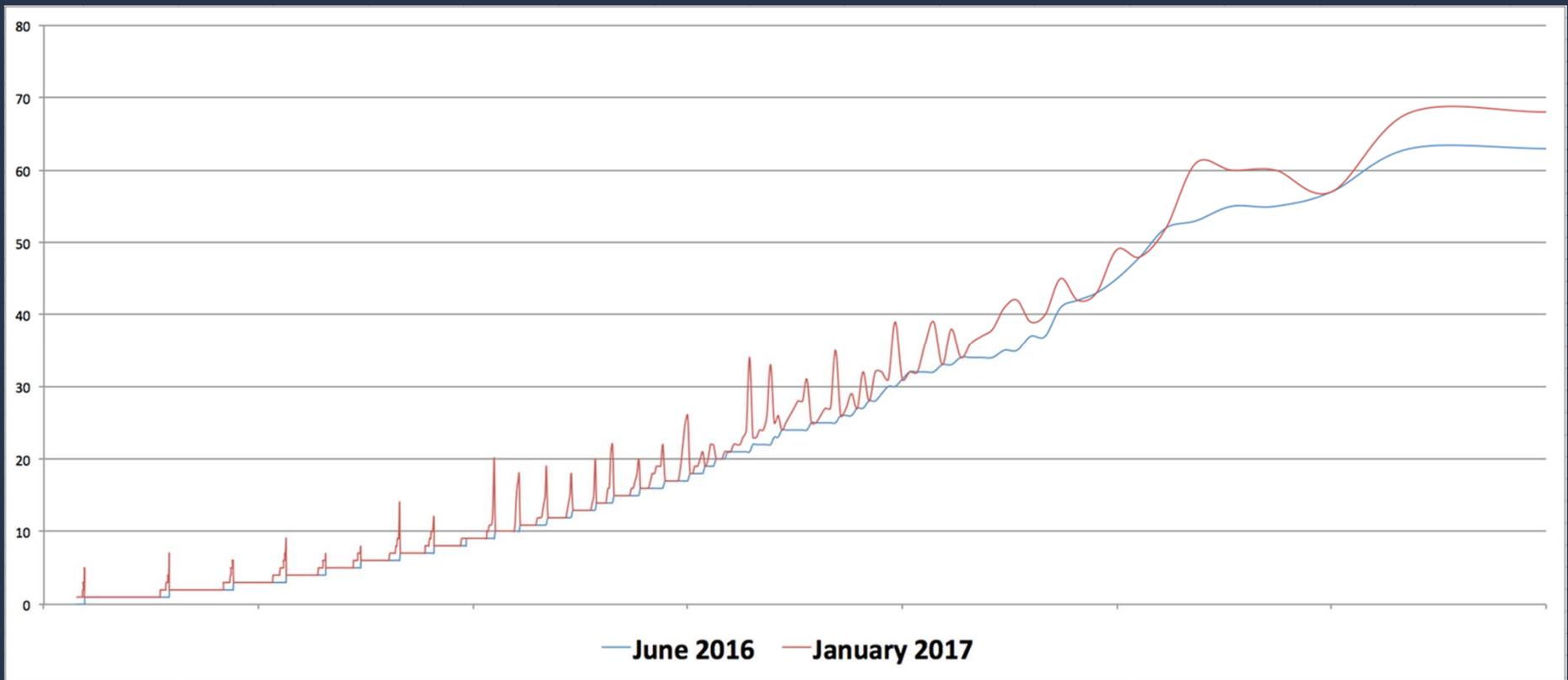
# Circulation Stats

Title	Record Number	Date Created	Total Checkouts Jun. 2016	Total Checkouts Jan. 2017	Last Checkout Date
Shark attack!	b17744751	07-30-2015	14	21	12-09-2016
The twelve days of Christmas / [illustrated by Jade Fang].	b14947274	07-20-2013	7	8	12-16-2016
Scholastic 2016 book of world records	b17942561	07-11-2016	-	10	12-16-2016
Star Wars : the original trilogy stories	b17903919	06-29-2016	-	14	12-09-2016



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# Total Checkouts

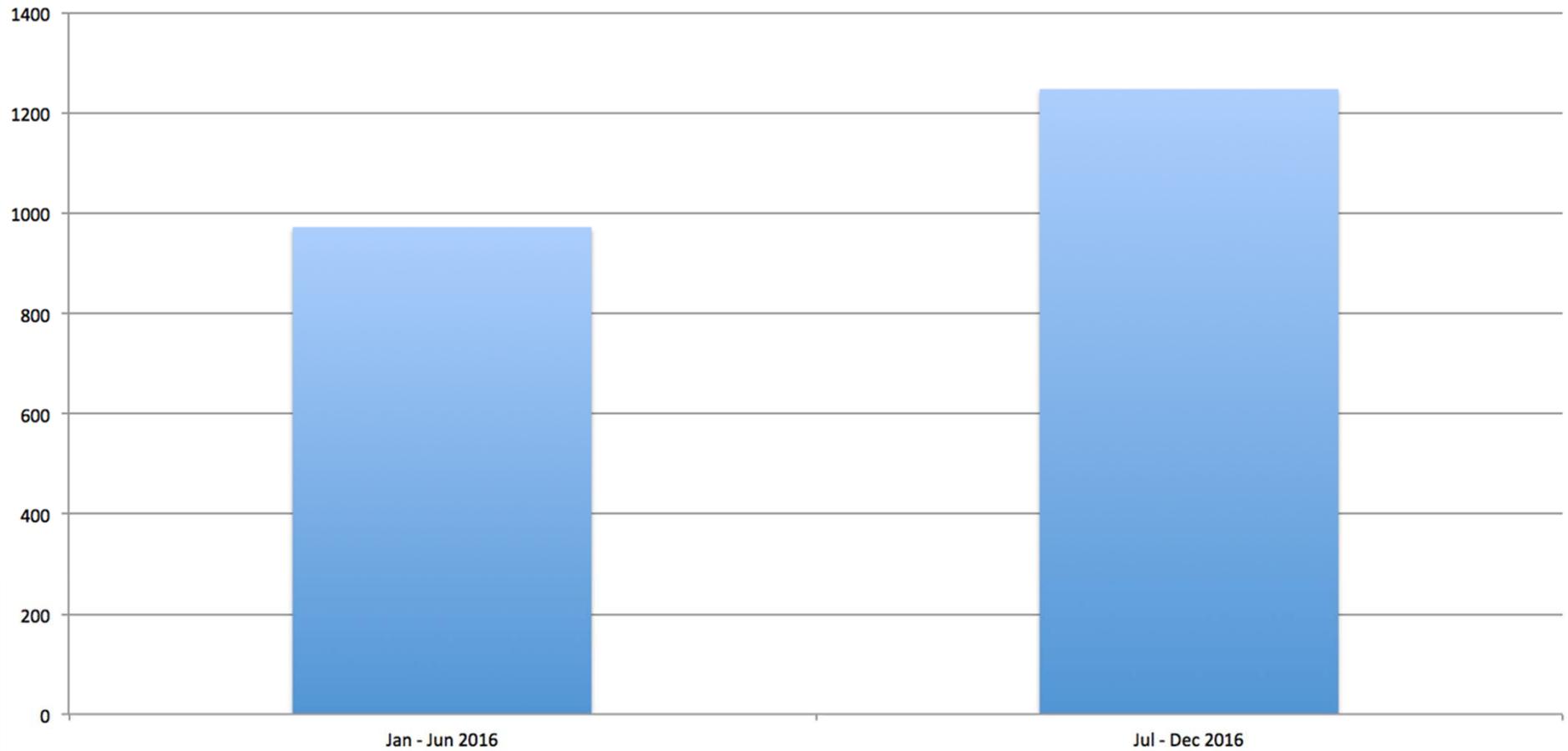


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### Number of checkouts (28% Increase)



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# After the Project



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“Give my child a hunger for reading  
That is what I ask for with a burning heart  
Because I would really like  
That my child will have the key in his hand  
To adventureland  
Where the sweetest joys of all are available”

Astrid Lindgren

Quote taken from the first page of the IFLA report

Source: [http://www.ifla.org/files/assets/lsn/publications/guidelines-for-library-services-to-persons-with-dyslexia\\_2014.pdf](http://www.ifla.org/files/assets/lsn/publications/guidelines-for-library-services-to-persons-with-dyslexia_2014.pdf)

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# Thank you

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