

and over the night, and to divide the light from the darkness. And God saw that *it was* good. ¹⁹ So the evening and the morning were the fourth day.

²⁰ Then God said, "Let the waters abound with an abundance of living ^[a]creatures, and let birds fly above the earth across the face of the ^[b]firmament of the heavens." ²¹ So God created great sea creatures and every living thing that moves, with which the waters abounded, according to their kind, and every winged bird according to its kind. And God saw that *it was* good. ²² And God blessed them, saying, "Be fruitful and multiply, and fill the waters in the seas, and let birds multiply on the earth." ²³ So the evening and the morning were the fifth day.

²⁴ Then God said, "Let the earth bring forth the living creature according to its kind: cattle and creeping thing and beast of the earth, *each* according to its kind"; and it was so. ²⁵ And God made the beast of the earth according to its kind, cattle according to its kind, and everything that creeps on the earth according to its kind. And God saw that *it was* good.

²⁶ Then God said, "Let Us make man in Our image, according to Our likeness; let them have dominion over the fish of the sea, over the birds of the air, and over the cattle, over ^[c]all the earth and over every creeping thing that creeps on the earth." ²⁷ So God created man in His *own* image; in the image of God He created him; male and female He created them. ²⁸ Then God blessed them, and God said to them, "Be fruitful and multiply; fill the earth and subdue it; have dominion over the fish of the sea, over the birds of the air, and over every living thing that ^[d]moves on the earth."

²⁹ And God said, "See, I have given you every herb *that* yields seed which *is* on the face of all the earth, and every tree whose fruit yields seed; to you it shall be for food.

³⁰ Also, to every beast of the earth, to every bird of the air, and to everything that creeps on the earth, in which *there is* ^[e]life, *I have given* every green herb for food"; and it was so. ³¹ Then God saw everything that He had made, and indeed *it was* very good. So the evening and the morning were the sixth day.

The Garden of Eden

2 Thus the heavens and the earth, and all the host of them, were finished. ² And on the seventh day God ended His work which He had done, and He rested on the seventh day from all His work which He had done. ³ Then God blessed the seventh day and sanctified it, because in it He rested from all His work which God had created and made.

⁴ This *is* the ^[f]history of the heavens and the earth when they were created, in the day that the LORD God made the earth and the heavens, ⁵ before any plant of the field was

Study Page

5

Interlude

7

Study page

8

in the earth and before any herb of the field had grown. For the LORD God had not caused it to rain on the earth, and *there was* no man to till the ground; ⁶ but a mist went up from the earth and watered the whole face of the ground.

⁷ And the LORD God formed man of the dust of the ground, and breathed into his nostrils the breath of life; and man became a living being.

Life in God's Garden

⁸ The LORD God planted a garden eastward in Eden, and there He put the man whom He had formed. ⁹ And out of the ground the LORD God made every tree grow that is pleasant to the sight and good for food. The tree of life *was* also in the midst of the garden, and the tree of the knowledge of good and evil.

¹⁰ Now a river went out of Eden to water the garden, and from there it parted and became four riverheads. ¹¹ The name of the first *is* Pishon; it *is* the one which skirts the whole land of Havilah, where *there is* gold. ¹² And the gold of that land *is* good. Bdellium and the onyx stone *are* there. ¹³ The name of the second river *is* Gihon; it *is* the one which goes around the whole land of Cush. ¹⁴ The name of the third river *is* Hiddekel;^[k] it *is* the one which goes toward the east of ^[u]Assyria. The fourth river *is* the Euphrates.

¹⁵ Then the LORD God took ^[m]the man and put him in the garden of Eden to ^[n]tend and keep it. ¹⁶ And the LORD God commanded the man, saying, "Of every tree of the garden you may freely eat; ¹⁷ but of the tree of the knowledge of good and evil you shall not eat, for in the day that you eat of it you^[o] shall surely die."

¹⁸ And the LORD God said, "*It is* not good that man should be alone; I will make him a helper comparable to him." ¹⁹ Out of the ground the LORD God formed every beast of the field and every bird of the air, and brought *them* to ^[p]Adam to see what he would call them. And whatever Adam called each living creature, that *was* its name. ²⁰ So Adam gave names to all cattle, to the birds of the air, and to every beast of the field. But for Adam there was not found a helper comparable to him.

²¹ And the LORD God caused a deep sleep to fall on Adam, and he slept; and He took one of his ribs, and closed up the flesh in its place. ²² Then the rib which the LORD God had taken from man He ^[q]made into a woman, and He brought her to the man.

²³ And Adam said:

"This is now bone of my bones
And flesh of my flesh;

She shall be called ^[w]Woman,
Because she was taken out of ^[s]Man."

24 Therefore a man shall leave his father and mother and be^[t] joined to his wife, and they shall become one flesh.

25 And they were both naked, the man and his wife, and were not ashamed.

The Temptation and Fall of Man

3 Now the serpent was more cunning than any beast of the field which the LORD God had made. And he said to the woman, "Has God indeed said, 'You shall not eat of every tree of the garden'?"

2 And the woman said to the serpent, "We may eat the fruit of the trees of the garden; 3 but of the fruit of the tree which is in the midst of the garden, God has said, 'You shall not eat it, nor shall you touch it, lest you die.' "

4 Then the serpent said to the woman, "You will not surely die. 5 For God knows that in the day you eat of it your eyes will be opened, and you will be like God, knowing good and evil."

6 So when the woman saw that the tree *was* good for food, that it *was* ^[w]pleasant to the eyes, and a tree desirable to make *one* wise, she took of its fruit and ate. She also gave to her husband with her, and he ate. 7 Then the eyes of both of them were opened, and they knew that they *were* naked; and they sewed fig leaves together and made themselves ^[v]coverings.

8 And they heard the ^[w]sound of the LORD God walking in the garden in the ^[x]cool of the day, and Adam and his wife hid themselves from the presence of the LORD God among the trees of the garden.

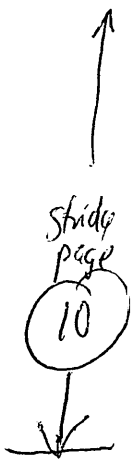
9 Then the LORD God called to Adam and said to him, "Where *are* you?"

10 So he said, "I heard Your voice in the garden, and I was afraid because I was naked; and I hid myself."

11 And He said, "Who told you that you *were* naked? Have you eaten from the tree of which I commanded you that you should not eat?"

12 Then the man said, "The woman whom You gave to *be* with me, she gave me of the tree, and I ate."

13 And the LORD God said to the woman, "What *is* this you have done?"



Lunar Recession

Does It Support a Young Universe?

by David Wright on August 11, 2006
Featured in *Feedback*

We have had many people contact us concerning the recession rate of the moon. Hopefully this short article will help to clarify the details of lunar recession and why it supports a young universe.

[The July 11 AiG web] article mentioned the moon moving away from the earth at approximately 1.5 inches a year. It said that would be 250 meters in 6,000 years which I can get on my computer's calculator program. It also mentioned the moon as being 400,000km away and that 1.5 billion years ago the earth and moon would be touching at that pace. However I get 9.6 billion years at the 1.5 inches a year pace and am not so sure that the moon moving away from the Earth would be constant. I would think that the speed at which the moon moves away from the Earth would be lower at lower distances due to planetary gravity? Is the author using logic somewhere to change the math that I am unaware of? At a closer distance from earth at a certain point the two would accelerate towards each other and collide I'm sure.. There has to be a minimum distance the moon would have to start away from Earth for this to not happen right? So how far is that distance and is that the factor I'm missing?

We have had many people contact us concerning the recession rate of the moon. Hopefully this short article will help to clarify the details of lunar recession and why it supports a young age for our solar system.

The recession of the moon is not constant over time. It would have been faster in the past. So, it is incorrect to assume that the rate has always been 4 cm/year.

Gravity is the force that keeps our moon in orbit around the earth. In Figures 1 and 2 this is represented by line "B." If not for the gravity of the earth and moon, the moon would simply

float away from the earth into space.

A major point to remember about lunar recession is that it is not

constant over long periods of time. The further the moon moves away from the earth the more constant its recession seems to become.

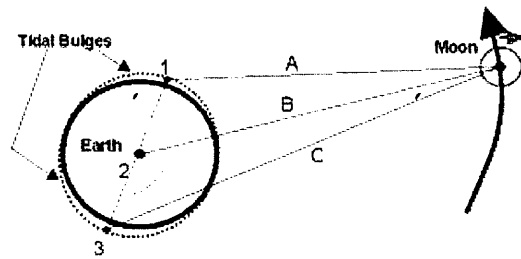


Figure 2. Present recession rate of the moon

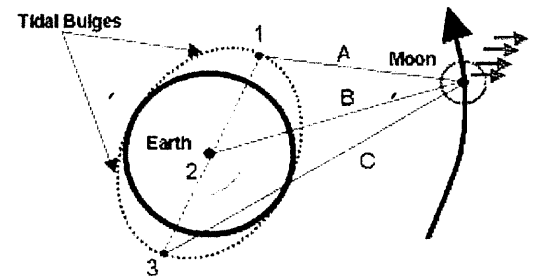


Figure 1. Past (theoretical) recession rate of the moon

In short, lunar recession is caused by tidal forces. Tidal forces are not the same thing as the gravity that keeps the moon orbiting around the earth. (However, they are *caused* by the moon's gravity as will be shown.) The moon does more than just the rising and receding of tides along shorelines. When combined with the rotation of the earth and its gravity, these tidal forces are what cause the moon to recede away from the earth.

As we know, the moon causes tides; these are due to the fact that the moon's gravitational force is stronger the closer you are to it. So, the moon's gravity pulls more strongly on the side of Earth closest to the moon, and pulls less on the opposite side. This effectively "stretches" the Earth and produces two tidal bulges. The figure illustrates how the moon is actually pulling the oceans away from the earth toward itself (point 1) and causes the earth to bulge. At the same time there is a bulge produced on the opposite side of the earth (point 3) where the earth is being pulled away from the oceans.

Since the earth rotates faster than the moon orbits, the tidal bulge stays slightly ahead of the moon. With the earth bulging, the moon is "pulled" by the point of gravity (point 1), produced by the bulge, since it is closer to it (line A) than the point of gravity (point 3) at the opposite side of the earth (line C). Since the moon is constantly being pulled it is constantly accelerating. Even though the earth's gravity (point 2) is acting as a centripetal force (line B) to keep the moon in an orbital path (dark arrow), the acceleration of the moon caused by

the tidal bulge at point 1 is increasing its angular momentum, therefore moving it outward (gray arrow).

Ok, No offense to all the other awesome stuff you guys have on your website and all of the stuff you're doing at the Creation Museum (something I check up on everyday for new pics by the way :)), but this new "News to Note" is the best thing you've done yet. It helps put everything your ministry stands for in a cultural perspective—answering the critics immediately after they've published a news article spouting something "new" in regards to evolution.

AWESOME, AWESOME,
AWESOME!

T.P.
USA

Figure 1 shows what the past (theoretical) recession rate would have looked like. Being much closer in a more-distant past, the moon would have caused larger tidal bulges, creating a greater “pulling” force (point 1, line A), increasing the angular momentum; thus the moon receded at a much greater speed (as shown by the red arrows).

With the earth where it is today (Figure 2) tidal bulges are much smaller (than the theoretical past), making the “pulling” force of point 1 smaller; thus the angular momentum is much less, resulting in the present and seemingly more-constant recession rate of 4 cm per year. The moon could never have been closer than 18,400 km (11,500 miles), known as the *Roche Limit*, because Earth's tidal forces (i.e., the result of different gravitational forces on different parts of the moon) would have shattered it. This

is explained in more detail In Dr. Jason Lislebook *Taking Back Astronomy*.

The equations (also taken from Dr. Lisle's book) involved in the recession rate of the moon are thus:

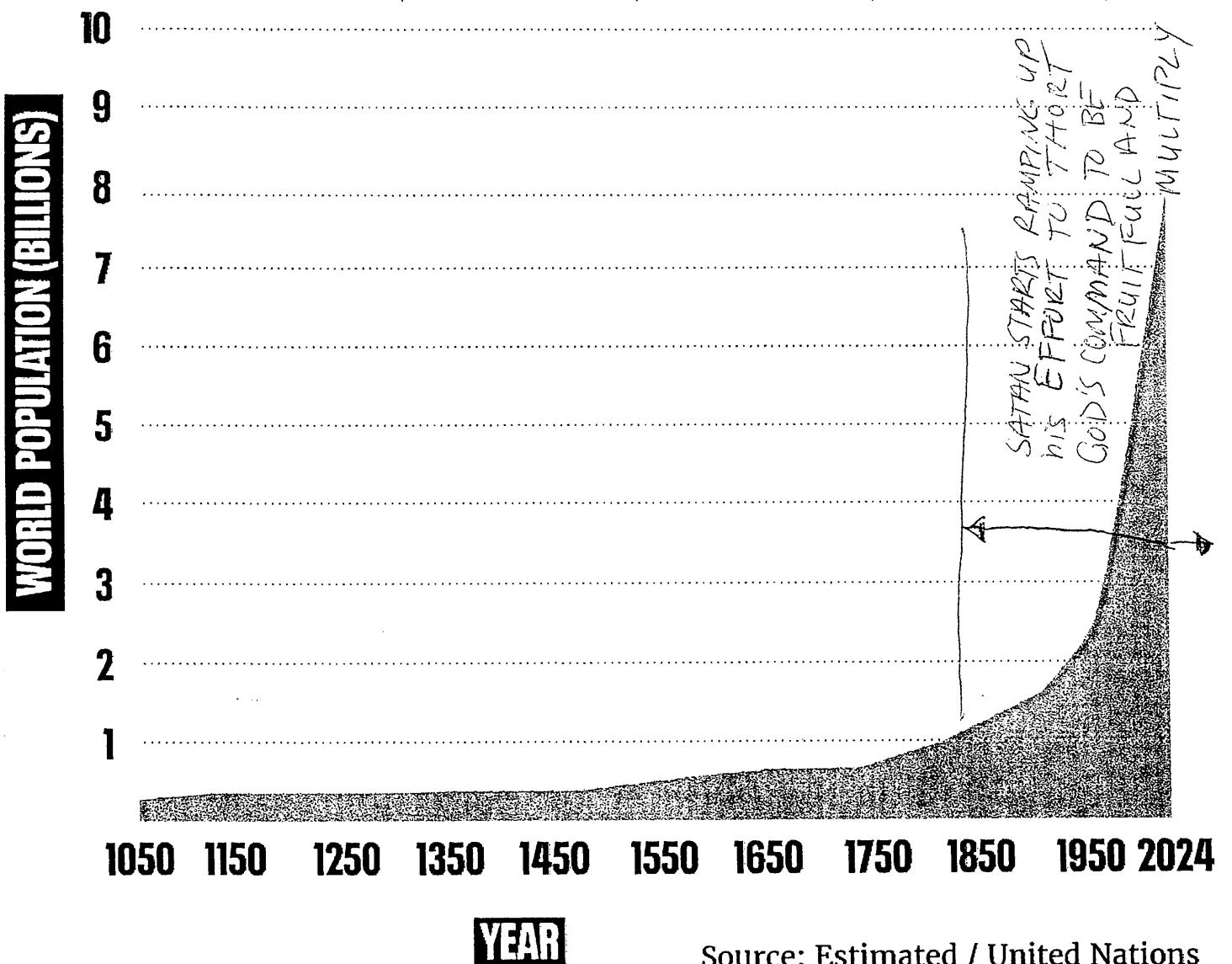
$$k = r^6 dr/dt = (384,401 \text{ km})^6 \times (0.000038 \text{ km/year}) = 1.2 \times 10^{29} \text{ km}^7/\text{year}$$

$$\int_0^T dt = \int_0^R (r^6/k) dr$$

$$T = R^7/(7k)$$

In His name and for His glory,
David Wright, AiG–USA

Exponential
HUMAN POPULATION GROWTH



any 3 or use 4 variables below,

leaving the one to be calculated blank.

Growth Model

Exponential

Initial Population (X_0)

8 Noah + family

Rate of Growth (%) (r)

0.4757 (unchanged)

Number of Years (t)

10000 (after flood)

Final Population (X_t)

3.262086070832318e+21

Additional Growth Metrics

Growth factor
(X_t/X_0)

407,760,758,8...

Net change (ΔP) 3,262,086,070,...

Avg change/yr 326,208,607,0...

CAGR (%)

0.4757

Continuous
rate rc (%)

0.4746

Per-year
multiplier (M)

1.004757

Initial Population (X_0)

8 Noah and family

Rate of Growth (%) (r)

0.4757

Number of Years (t)

4373 (2348 B.C. $\rightarrow$ 2025 A.D.)

Final Population (X_t)

8252298697 (today's actual population)

Additional Growth Metrics

Growth
factor
(X_t/X_0)

1,031,537,...

Net change
(ΔP) 8,252,298,...

Avg
change/yr

1,887,102,...

CAGR (%)

0.4757

Continuous
rate rc (%)

0.4746

Per-year
multiplier
(M)

1.004757

SEE REVERSE SIDE FOR POPULATION OVER TIME.

Ephesians 5:22-6:4 New King James Version

Marriage—Christ and the Church

²² Wives, submit to your own husbands, as to the Lord. ²³ For the husband is head of the wife, as also Christ is head of the church; and He is the Savior of the body. ²⁴ Therefore, just as the church is subject to Christ, so *let* the wives *be* to their own husbands in everything.

²⁵ Husbands, love your wives, just as Christ also loved the church and gave Himself for her, ²⁶ that He might ^[a]sanctify and cleanse her with the washing of water by the word, ²⁷ that He might present her to Himself a glorious church, not having spot or wrinkle or any such thing, but that she should be holy and without blemish. ²⁸ So husbands ought to love their own wives as their own bodies; he who loves his wife loves himself. ²⁹ For no one ever hated his own flesh, but nourishes and cherishes it, just as the Lord *does* the church. ³⁰ For we are members of His body, ^[b]of His flesh and of His bones. ³¹ "For this reason a man shall leave his father and mother and be joined to his wife, and the two shall become one flesh." ³² This is a great mystery, but I speak concerning Christ and the church. ³³ Nevertheless let each one of you in particular so love his own wife as himself, and let the wife see that she respects *her* husband.

Children and Parents

6 Children, obey your parents in the Lord, for this is right. ² "Honor your father and mother," which is the first commandment with promise: ³ "that it may be well with you and you may live long on the earth."

⁴ And you, fathers, do not provoke your children to wrath, but bring them up in the training and admonition of the Lord.

Progressive publishers launch children's Bible stories with social justice, diversity themes

Faith books emphasize diversity, inclusion and justice for children ages 4 to 17

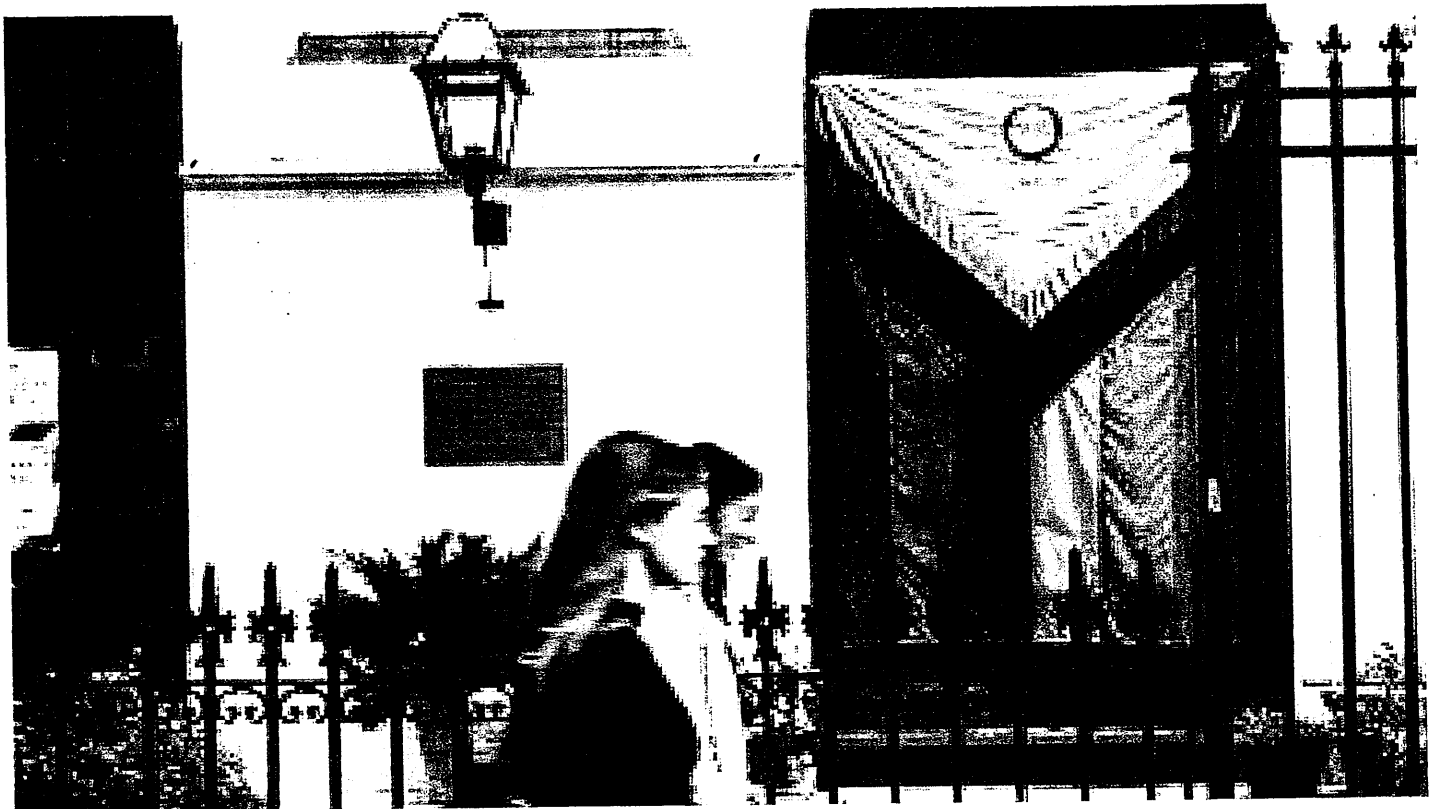
By **Kristine Parks** Fox News

Published October 19, 2025 8:40am EDT

A crop of new children's storybook Bibles aims to reach progressive Christians who are turned off by traditional presentations of Scripture, offering messages focused on diversity, inclusion and social justice.

Publishers say the projects are meant to reflect the faith values of a changing audience — and to fill what they describe as a gap in faith resources for progressive believers.

"The Just Love Story Bible," a "justice-oriented" storybook for readers ages four to 10, was released last month. The book, authored by Rev. Jacqui Lewis and the Rev. Shannon Daley-Harris, features 52 Bible stories and illustrations portraying characters in Black, Brown and tan skin tones.



New faith titles for younger audiences want to reach progressive Christian families. (Spencer Platt/Getty Images)

"The biblical characters mostly look Black and Brown and caramel ... now White children, I imagine, looking in this Bible and seeing brown people and thinking to themselves, 'Oh, brown' people belong to God, too,'" she added.

The authors said they also hope to prompt children to ask questions and challenge traditional beliefs about God, Jesus and the biblical narrative.

"Did that happen?" Lewis said, describing how the storybook presents Jesus' resurrection. "For me, it matters more that children know that love never dies, so that's where I landed."

"It's OK to actually tell kids from the get-go: Some of these stories are about true people and things that really happened, and some of them are made-up stories, but they're in there because they can still teach us true things about God," Daley-Harris said, referencing the story of Jonah.

The authors acknowledged that readers who interpret the Bible literally may not be the right audience for their book.



One progressive book publisher says its new storybook Bible is for families seeking an "open-minded Bible." (Alishia Abodunde/Getty Images)

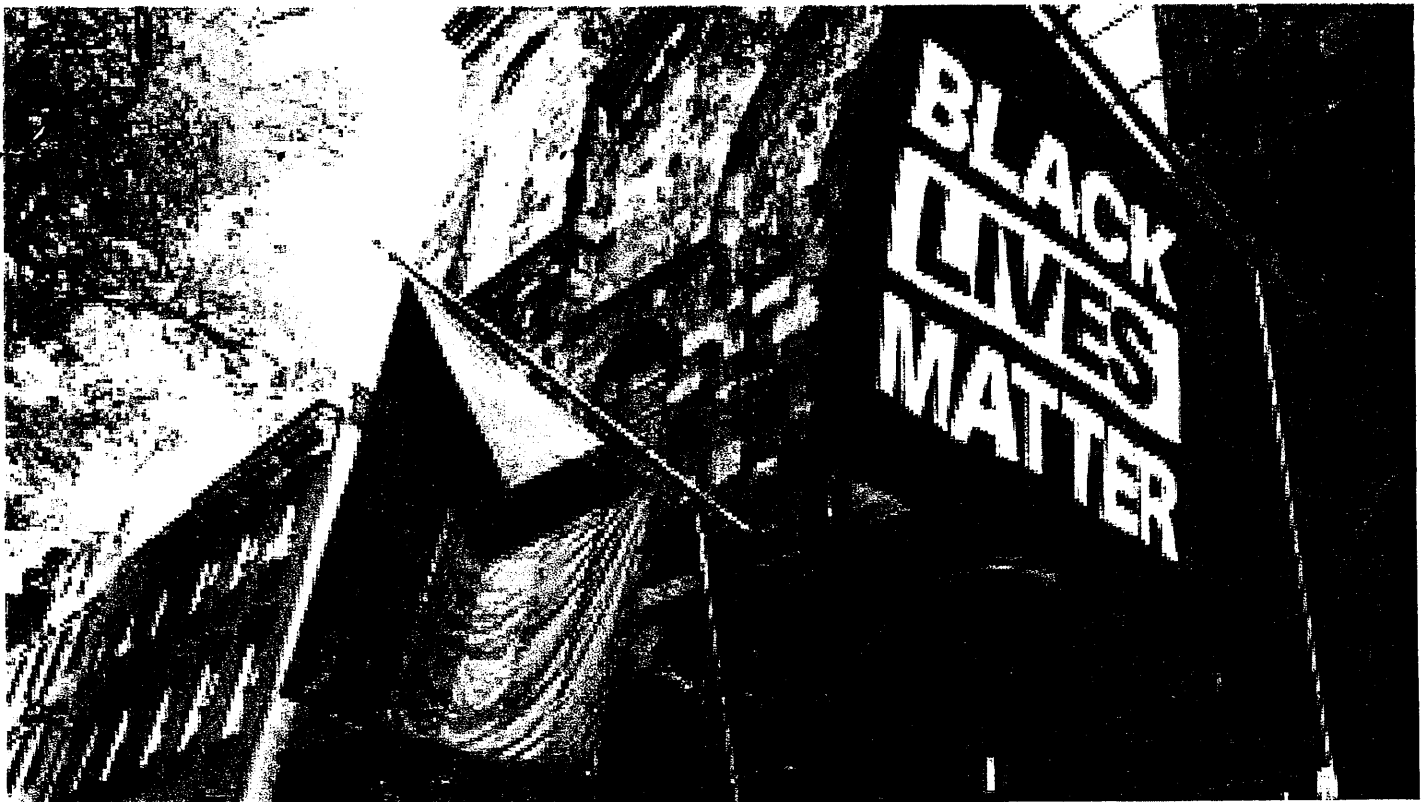
tradition that no longer fit them, who did grow out of a theology and are looking for one that they can grow into and grow with alongside their children."

Lewis said the book also highlights women in Jesus' ministry and portrays him as a "feminist."

"When Shannon and I say we don't want children to learn something they have to unlearn, we don't want them to learn patriarchy from this story Bible," she told RNS.

The book's publisher, Beaming Books, says it hopes to reach progressive Christians seeking an "open-minded Bible."

"We noticed a gap in the marketplace for people who are looking for a more open-minded Bible for progressive Christians, one that is focused on love and justice," said Naomi Krueger, senior acquisitions' editor for Beaming Books, in an interview with Publishers Weekly.



A Progress Pride flag and a Black Lives Matter flag displayed outside a church in New York City. (Alexi Rosenfeld/Getty Images)

"Its countercultural message is really appropriate for this time," Krueger added, saying the book is intended to be "an antidote to Christian white supremacy."

"The Just Love Story Bible" is one of several new titles pushing for broader representation in children's Christian publishing.

Hodder Faith, a U.K.-based Christian imprint, released "Come and See: An Invitation to a Radical Encounter with Jesus," last month. The devotional book, aimed at readers 11 and up, was written by Shannon T.L. Kearns, described as the first openly transgender man ordained to the Old Catholic priesthood, according to the author's biography.

"If you want to take children into the Bible and still be respected as an LGBTQ person, there are not a lot of resources for you," Hodder Faith publishing director Andy Lyon told Publishers Weekly. "It's called 'Come and See,' because it's about being seen and knowing you belong. You see Jesus and then Jesus sees you."

Another devotional, "Growing in God's Love: A Family Devotional," is out from Westminster John Knox Press. The book offers daily readings that bring "substantive, progressive lessons in faith for all generations," and is aimed at adults and children ages five to 17.

Author Jessica Miller Kelley, an editor at Westminster John Knox, said she intentionally avoided using gendered language such as "mother" or "father" in the devotionals, except when directly quoting Scripture, to make the stories more inclusive of gender diversity and different kinds of families, she told Publishers Weekly.

The book's early readers praised its emphasis on justice, inclusivity and diversity.

Krueger said in the report that progressive Christians are looking for more resources that affirm their values – and expects the number of such projects to grow.