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Mathematics Engineering Science Achievement (MESA) - Period 5, Nathan Balasubramanian (Mr. Bala), Room 506

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Discussion Topic

Based on your observations with rolling golf balls and bouncing tennis balls, do you continue to believe that these balls bounce just like lasers? Two people in your team are going to talk and type our your responses here. Remember, always include your claim, evidence, and reason in your responses.

Created By Nathan Balasubramanian
09/02/05 08:54AM

Messages

- Bryan D.** Posted 09/02/05 09:21AM

Bryan's reply:
I do believe that the tennis balls and golf balls bounce the same way that lasers bounce.

Andrew's reply:
I think that the balls and lasers bounce off the walls with the same principal and in the same direction if properly leveled.
- Erin K.** Posted 09/02/05 09:22AM

ERIN- I think that the golf balls and the lasers will both bounce back in the same direction. When April and I were rolling the golf balls, they all always rolled back to us, just like the laser does when shined on a reflective surface.

APRIL Anderson- I think that both the balls and the laser will bounce back depending on the angel. When you roll a ball strait it will come back but if you throw it angled at the wall it will bounce off the walls and then comeback. The laser will only come back if there are is something it can reflect off of.
- Alahna N.** Posted 09/02/05 09:27AM

i think the golf and tennis balls bounce just like lasers if they are prperly leveled.
- Harutyun P.** Posted 09/02/05 09:27AM

Harut. Yes I think that golf and tennis balls bounce the same way as lasers.
Eli. I think the lasers and the balls will bounce the same way because they have the same basic laws of physics.
- Hunter H.** Posted 09/02/05 09:27AM

HUNTER- i think that the golf balls and laser would come back to the departure point, but i also think that the golf ball has a less chance, because it could start to spin, or not have enough force put into it.

Ty- I think that the golf bal would go for a little while and not make it back to the starting point due to the friction that the laser does not have.
- Christina G.** Posted 09/02/05 09:28AM

christina I think that golf and tennis balls bounce just like lasers because the walls act like mirrrors.
- Ryan S.** Posted 09/02/05 09:28AM

Jason: I think that they bounce different because the golf balls are big and round but the laser is small and i think that will effect tha outcome of the bounce

Ryan: I think that they bounce in the same direction cause tha wall is just like the mirror
- Lucas R.** Posted 09/02/05 09:30AM

(lucas)i think that it depends on the ball if the laser bounces it is so controlled and the golfballspins.(seth)i think that the laser gos strait at it but the goolfball spins when u through it so it shoots to another direction.
- Sarah H.** Posted 09/02/05 09:31AM

Sarah and Jasna

Sarah: Based on our observations with balls and lasers , balls bounce like lasers reflect off shiny surfaces. If you put mirror on all four sides of a box and if you shine a laser in the mirrior to the left senter it will bounce off of all the mirrors back to the laser. If you ues a ball it will do the same thing if it is exacily strate like a laser.

Jasna: Based on the observations with the lasers and the balls I would say that if you had a mirror on the oppsite side of the wood box the laser would come back to you and if you do the same thing with the ball the ball would come back to you
- Jazziel R.** Posted 09/02/05 09:32AM

Jazziel: I do believe that the tennis balls and golf balls bounce the same way that lasers bounce.

cody:well i agree with jazziel the lasers do bounce in what direction you throw or point the golf balls and lasers.
- Bennett A.** Posted 09/02/05 09:33AM

Benn: I think that balls do bounce like lasers because the walls act like the mirrors.

Eric: I think that the balls will hit the wall and the lasers will hit the mirrors and not all way hit the mirror so i think it will be the same.
- Pearce C.** Posted 09/02/05 09:44AM

pearce:yes i do think dat golf balls and tennis balls bounce like a laser
dillon: i think dat golf balls bounce like a lasor and da walls r like dfa mirror
diana:i think da same as dillon does!!!
- Anthony H.** Posted 09/02/05 09:55AM

Posted 09/02/05 09:31AM

Tony- I think that if you shine a laser at a mirror and let it reflect off then you take a ball and hit it in the same spot it will go the same direction.

Ryan- I think that Tony has a good idea about it and it could be true but we didn't have a mirror to test it so we don't know if it is right.

Tony- our theroy was correct.
- Elias W.** Posted 09/28/05 09:19AM

I think they all bounce the same
- Mariah G.** Posted 09/28/05 09:22AM

I think they bounce off the same way.
- Joshua Seth P.** Posted 09/28/05 09:24AM

i think the golf and tennis balls bounce just like lasers if they are prperly leveled
- Adrian E.** Posted 10/21/05 09:42AM

tennis balls and lasers bounce the same. when you point a laser at a mirror the laser will bounce at a certain degree. same thing with a tennis ball but you throw it at a wall in a certain degree and it will bounce off at another certain degree.

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