



## PRIMARY YEARS PROGRAMME EXHIBITION

Class of 2025

MAY 22, 2018

*Over eight weeks, 25 Grade Five students worked in eight groups studying eight real-world issues and completed 54 unique community-based action steps to positively impact our community. Tonight, we celebrate the Riverstone Grade Five Exhibition, the culminating project for the Primary Years Programme (PYP). Students will share their Exhibition inquiries into real-world issues and resulting community-based action, summarized in this brochure.*

*Thank you for commemorating this journey with our fifth graders; we couldn't have done it without your support. Special thanks to the many mentors who helped guide our students.*

*Congratulations to the Class of 2025 for all your hard work!*



## EXHIBITION ORDER OF EVENTS

### 6:30PM - 7:15 PM Group Presentation

Enjoy as students share Exhibition pieces from Physical Education (PE), Art and Music before watching an overall presentation about the eight groups' inquiries into real-world issues and how they took community-based action.

### 7:15 PM - 7:20 PM Break

Short break to walk to the assigned rooms for individual presentations.

### 7:20 PM - 8:00 PM Individual Sharing of the Exhibition Journey

Students will share the process of the exhibition individually. Each room will have representatives from different Exhibition groups. Below lists the students in order of speech. If you would like, you may move from room-to-room courteously to accommodate various speakers of interest.

Mr. Lindsay's Room	Mrs. Barnhardt's Room	Ms. Fitzharris' Room	Ms. Smackey's Room	Mrs. Benton's Room
Conrad	Raven	Cooper	Finn	Vishal
Gavin	Dirck	Brooks	Hailey	Sina
Micah	Molly	Macy	Presley	Ella
Sophia	Sean	Shoki	Ian	Griffin
Hadley	Sergey	Lily	Izzie	Vaughn

### 8:00 PM - 8:30 PM Celebrate

Refreshments are provided to celebrate this journey and culminating experience together in the Atrium.  
Thank you for coming!

## HUMAN IMPACT ON THE ENVIRONMENT

**Humans impact the environment and animals through poaching, overdevelopment, and polluting the world.**

*An inquiry into the cause and effect of poaching; How human development affects ecosystems; Pollution's impact on the environment.*

*Mentor: Kerry Fitzharris*



**BROOKS C**

Over the past several weeks, I have interviewed many people about how humans are negatively impacting our environment. We met with both of Raven's parents, Mr. and Mrs. Skinner, and Monica Pittman from the Peregrine Fund. Ms. Pittman taught us about how many birds of prey are being affected by DDT. Raven's dad told us about wolverines and how they are being affected by climate change and snowmobiling. Raven's mom told us how animals are being poached for their ingredients to make Chinese medicine. She said that animals' lives are taken and just 1/8 of their body is used. I hope I can make a change on the environment in a good way.



**GAVIN C**

Over the course of Exhibition, I have learned many things from people and organizations in the Treasure Valley. Two of the people I got to meet were Mr. and Mrs. Skinner, who both care deeply about the environment. Mr. Skinner works for the US Forest Service and Mrs. Skinner helps make people feel good about helping the environment. Overall, they taught me about how severe habitat loss is. Another informative experience was with Idaho Rivers United, who hosted a river cleanup at Barber Park. It sadly showed how much people litter. My biggest takeaway was when I visited the Peregrine Fund. Monica Pittman taught me how birds of prey species are drastically declining - mainly because of the pesticide DDT, which is used in farming. Over the course of time, I hope people will save the environment.



**IZZIE M**

Throughout these last few weeks, I have learned many interesting facts, and had so many big takeaways. We interviewed Monica Pittman from the Peregrine Fund and she told us all about different species of birds that they have helped breed because they were going extinct. We also volunteered to clean up the river. It helped me grasp just how many people throw their trash out. We also learned lots about poaching and animal populations and why they are plummeting. I learned a lot about the northern white rhinos and why there are only two left. I gained so much knowledge from these experiences. I hope we can make a difference in our footprint on the environment by teaching people about this topic.



**RAVEN S**

Throughout this Exhibition process, I have learned so much about how humans impact the environment. We met with some very awesome people: David Skinner from the Forest Service, Jennifer Skinner who talked to us about the emotional impact on the environment, Ms. Pittman from the Peregrine Fund, and Mr. Brock who is the Sustainability Coordinator here at Riverstone. They all talked about different ways people impact the environment and the different animals that are being harmed. We learned that DDT is affecting the California condors, about wolverines and how their habitats are being harmed, and that in some Chinese medicine, they use small parts of animals for a little medicine.

## GLOBAL WARMING AND HABITAT LOSS

**Due to ongoing climate change, animal habitat is rapidly disappearing, weather patterns are becoming more erratic, and temperatures more extreme.**

*An inquiry into animal habitat destruction; Erratic weather patterns due to global warming/climate change; The impact of extreme temperatures.*

*Mentor: Jim Harper*



**HADLEY D**

For the past eight weeks we have interviewed people trying to help defeat global warming. We interviewed Joe, a staff member at the Boise Aquarium. He taught us how lots of people fish illegally and sell parts of fish because they are expensive, or because they taste good. We also watched the documentary 'Chasing Coral' which explained how the corals are dying due to the fact that the ocean is getting warmer every day. We interviewed my mom, Heather Dermott, who is the director of Idaho Business for the Outdoors. Her business is designed to bring companies together to help save our outdoors and public lands. We interviewed Mr. Servheen at Idaho Fish and Game. He used to study caribou to see where they were migrating or if their migrating passage has changed. I have learned a lot about my topic.



**SINA H**

During this eight week process, I have learned so much while working with my group and interviewing people in the community that are trying to solve our real-world issue. We went to the Aquarium of Boise where we learned about the two biggest issues the ocean is facing. First of all, coral bleaching because of global warming. If the ocean temperatures rise even just more than two degrees celsius, corals start the first stage of death, also known as bleaching. We learned a lot more about bleaching from the movie 'Chasing Coral.' The second most popular problem is that people still fish for animals in the ocean, even if it's illegal because some animals have things that are very precious or just taste good, so people that don't have money can sell them for a lot. I learned that teamwork is very important during the Exhibition process.



**FINN S**

Over the past weeks, I have been studying habitat loss and climate change with Dirck, Sina, and Hadley. We interviewed many people, like Mr. Surveen who works at Idaho Fish and Game. He helps set up the fundraisers to help save animal habitats. We also interviewed Mrs. Dermott. She runs Idaho Business for the Outdoors. She brings businesses together for fundraisers and puts the money into protecting the environment and public lands. I think I learned a lot about climate change and habitat loss and how the community is helping to deal with this big problem. We also learned how we could help by donating and helping with fundraisers, and not littering ourselves. We went to the Sierra Club and talked to Casey Mattoon. He talked to us about what they do to help the environment and the fundraisers they support.



**DIRCK VT**

When I started Exhibition, I had a good time because we visited everywhere and it was very easy. Then we needed to start working on the project, and I needed to write reflections after all the places we visited. My favorite visit was when we went to the aquarium because it was a fun, informational experience. We also got to miss a lot of school since it was 30 minutes away and we took 2 hours learning and interviewing there. Our group got to feed a shark and a stingray. We also went to a member in our group's house to watch a movie about all the coral bleaching that is happening. This taught us how much of a big problem climate change is.

## DOMESTIC ANIMAL CARE

**Proper care of domestic animals requires quality and nutritious food, access to needed healthcare and adequate owner support.**

*An inquiry into dietary needs of domestic animals; Access to veterinary care for domestic animals; Appropriate owner care for domestic animals.*

*Mentor: Jennifer Bistriz*



**PRESLEY B**

The Exhibition experience has been a one-of-a-kind project. These past few weeks have been really hectic but in the end we got through it. My group visited a lot of places around Boise. One place we visited was the Idaho Humane Society. We learned so much information and facts about how to properly care for an animal. We learned about how people don't realize how hard it is to take care of animals. Our biggest takeaways were how many pets get transferred: they take any animal that shows up. We also learned how they take the dogs outside to get exercise and bond with their owner. We toured the facility and realized it is bigger in cages than offices. Overall we learned and retained a lot of information on how to properly care for animals and pets so they get the proper care they deserve.



**SOPHIA P**

In my Exhibition experience, I have learned so much and it has changed my perspective on how I think about domestic animal care. When we first visited Simply Cats, a cat adoption center, I noticed that all of the cats were taken care of and the facility was really clean. Simply Cats is a no-kill center and they mostly never turn away any cats. I got another takeaway when I visited Jamie Hubbell's house, where she fosters rabbits for Remembering Ruby Rabbit Rescue. The organization really impressed me when I found out the rules that go into adopting a rabbit. They screen everyone who wants to adopt. They make sure the rabbits get put in a forever home. Learning from all these amazing people is something that I won't forget.



**LILY S**

Over these eight long weeks of studying, my perspective on animals has changed dramatically. Working with Sophia and Presley, we had the opportunity to visit six organizations and individuals. When we visited Habitat Veterinary, I noticed how well the animals were cared for. For every animal, there were at least two veterinarian's there to help. The most informative thing I learned from Habitat was spoken from Dr. Reed Linenberger, our tour guide. It was: "Any animal deserves the right to live, even if they aren't kind." That experience really changed my perspective on animals because he taught us so much and that will definitely show in the future. Overall, I am very thankful that I had the opportunity to meet with him and learn the great information from him.

WE ARE IB LEARNERS

## HUNGER

**Hunger is caused by many factors including poverty, climate change and resulting food shortages, and poor food delivery infrastructure.**

*An inquiry into the varied causes of hunger; The connection between poverty and hunger; The challenges for people to access available food.*

*Mentor: Kathleen Gilton*



**HAILEY A**

We took several community-based action steps. One was to see Mr. Pederson, a Riverstone teacher. My biggest takeaway was that it was fascinating. We saw many examples of how people were helping and how we could help with the issues of hunger. We also went to Even Stevens. It is a shop which gives back a portion of the profit with every sandwich sold. I would highly recommend going there. When we went to the St. John's Food Bank the first time, we were shown around. We got to go back a second time and volunteer, restock, package bread, and sort meat to give out. I really enjoyed this trip.



**SERGEY S**

We went to Even Stevens to interview Madison and we asked her a lot of questions. Then, we ate some sandwiches! If you will buy a sandwich, you also donate a sandwich to the hungry. We also went to Cathedral of the Rockies, where we met Mrs. Todeschi. We helped pack lunches for the homeless because sometimes they have a really hard time packing all of the lunches. We also went to St. John's and we helped them. Ella was doing the important job and Hailey and I were stocking cans. First, you have to get a box cutter, then you can put the cans where they have to be. We also met Julie D'Agostino from The Rolling Tomato. The biggest take away is that everybody can live together in the community because we help each other.



**ELLA S**

Over the past weeks, I have been studying hunger and I have learned so much from people around the community. One of the people we interviewed was Julie D'Agostino, who runs the non-profit Rolling Tomato. I learned anyone can do good in the community. We also interviewed Cindy Todeschi from the Cathedral of the Rockies, who taught us what the Cathedral does for the food insecure and the less fortunate. We learned about their lunch bagging program, how they welcome anybody, and helped bag lunches. We also interviewed Tracy Hitchcock at Create Common Good. She talked to us about their healthy snack program for the food insecure, their trainee program, and how they teach the trainees. I learned so much from all of these amazing people who have inspired me.

INQUIRERS  
KNOWLEDGEABLE

## GUN CONTROL

**With many people for and against them, gun control laws impact ease of gun purchase, access to rapid fire weapons and the constitutional right of individuals to own guns.**

*An inquiry into who can buy guns and how they are purchased; The debate over access to military-grade weapons; The United States Constitutional right to bear arms.*

*Mentor: George Allen*



**CONRAD N**

During action week, we studied gun control. Our first move was to go to a gun accessories store called Odin Works. We interviewed my uncle, Tom Hines. We learned a lot about his perspective about gun control and how gun accessories were made. We saw that they use a really cool laser to put their insignia on all of their products. Next, a Police Officer named Steve Phan gave us a rule book with all of the gun control laws. We also learned a lot about the gun related crimes in Idaho and how they enforce gun laws. We also got the amazing opportunity to talk to Rep. Wintrow, who helped create gun laws in Idaho. My biggest takeaway was that gun control is a very complex issue and people are very passionate about their side. In exhibition, I learned a lot about gun control.



**COOPER S**

During action week, we traveled around the community and sent emails to Idaho Legislative Representatives, police officers, and many more. One of the people we interviewed was Brenda Beckley, a teacher at Hunters Education. She told us all the big and little details of what you do in Hunter Education. She told us how you practice taking a gun out of a vehicle and being safe around it. She also told us to point the gun down, never at someone. My biggest takeaway from Ms. Beckley is the ethics. She made it very clear that if you shoot an animal and it doesn't die, it is just suffering. You have to chase it down and kill it no matter how much time it takes. My biggest takeaway from all the places we went is you have to be safe with a gun. Everywhere we went, gun laws made a big impact.



**VISHAL S**

During action week, we emailed many people and got a lot of replies. Our first visit was to Odin Works, a gun accessory store where we learned a lot about how gun parts were made. There, we got to meet many people that are good at different things and we interviewed Tom Hines, the owner. We also made history by interviewing a fellow 5th grader for the first time ever named Molly. We learned about Hunter Ed and hunter safety from her and we learned about stories from hunting. We also heard from Emily Walton, where we learned about how they are trying to make background check gun laws stronger. From all of our visits, we had a lot of takeaways. One of my takeaways was that we have to learn from both sides of a story, and only then you should make your decision.

THINKERS  
COMMUNICATORS

### BULLYING

**Bullying comes in many different forms and all can have lasting effects on people.**

*An inquiry into the lasting effect of bullying on kids; The different forms of bullying; The motivating factors that lead someone to bully.*

*Mentor: Beth Benton*



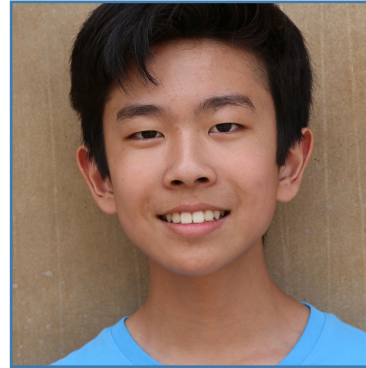
**SEAN B**

I am currently studying bullying. We have interviewed many great people who gave us a lot of awesome information. We interviewed Mark Neilson, CEO of iGames, and he taught us that cyberbullying is a more important topic than we suspected. We also met with Detective Phan and he taught us that physical bullying can be very bad. We met with Ilana Rubel who made a law about bullying and said people can get bullied even as adults. Some interesting facts that we learned are: 28% of U.S. students in grades 6–12 experienced bullying; 20% of U.S. students in grades 9–12 experienced bullying; 70.4% of school staff have seen bullying; 62% witnessed bullying two or more times in the last month and 41% witness bullying once a week or more.



**GRIFFIN S**

Over the past weeks, I have been studying and going into the community to talk with people about bullying. I have met with people such as Andrew Fletcher and Ilana Rubel, our district legislator. She thinks that verbal bullying should be legal because of rights and that if it were to be illegal, it would take away a person's right to free speech. I think cyberbullying and physical bullying should be against the law. One of my big takeaways from meeting with Andrew Fletcher is that he thinks that bullying can be prevented if someone takes a stand for bullying, right when it is happening. You have to react when you see it, otherwise that bully will just keep doing it. The biggest takeaway that I had from learning about bullying is it is very bad for schools.



**SHOKI T**

Since we began Exhibition, I have gotten to do many things. I got to interview a ton of people who taught me a lot of information about bullying. One person we interviewed was Rep. Ilana Rubel. She taught us the different laws for bullying and the fines for punishment. Everyone we interviewed worked at a different type of job, however each helped us learn more about bullying. When we interviewed Mark Nielsen, he told us a lot of tips on how to prevent bullying. After interviewing Detective Phan, we learned how people become bullies. It was really interesting knowing how people become bullies. I have learned so much information about bullying and I was really glad that I got to learn from all of these amazing people.

PRINCIPLED  
OPEN-MINDED



### EQUALITY

**Inequality can impact a community based on a person's ability, race and gender.**

*An inquiry into how people view those who are different than them; How inequality impacts individual's lives; Forms of inequality that exist in society today.*

*Mentor: Jennifer Smackey*



**MOLLY M**

My group and I have been studying equality, which includes racism, gender equality, and disabilities for the past 2 months. One of the people we interviewed was Mr. Sadiki from the Children's Home Society. When we were there, we learned a lot about what he does and how we could help. We also had the chance to meet Mr. Catz, a teacher at the Lee Pesky Learning Center and a former Riverstone student, at the Anne Frank Memorial. He told us a lot about what he does and how his job impacts the community. At school we did a lot of sending emails to people we could possibly interview. Most of them responded and we had an awesome time interviewing them, but some were just too busy. I am very glad I got to do this project with Ian, Macy, and our mentor, Ms. Smackey.



**IAN L**

I have been studying equality and have been on numerous adventures to study it. We have met with multiple people, but Mr. Catz left an impression. He gave great advice and a quote I really liked. Mr. Catz said that equity is more important than equality because everyone should at least have a chance, and then we could have a much better world with less conflict, which struck me. I also got great information from Mr. Thompson about the history of black people in Idaho. One of our most interesting interviews was with Anselme Sadiki at the Children's Home Society. We learned that 63% of children that go to jail have a mental illness and can't afford a counsellor or health care. Overall, I gained a lot of knowledge and changed my first impression on this topic.



**MACY S**

My group and I have been studying equality for the past eight weeks. In the equality group are Molly, Ian, and me. Over the process, we have interviewed 10 people, which was extremely exciting and fun. We also had weekly mentor meetings with Ms. Smackey. I enjoyed meeting with everyone, but one of my favorite meetings was with Mrs. Steven, who works at the Idaho Commision for the Blind. At this interview, we learned that people who are blind can do the same work, just differently. This experience has changed my first impressions on equality and I learned so much more about how to treat people equitably.

CARING  
RISK-TAKERS

### POVERTY/FINANCIAL ACCESS

**Poverty prevents people from getting life essentials including food and clean water, access to healthcare and sports, and housing and schooling.**

*An inquiry into the connection between poverty and access to food and clean water; The efforts organizations are making on behalf of those who can't afford to participate in their activities; The challenges of meeting the basic needs of those in poverty.*

*Mentor: Britt Thorpe*



**VAUGHN G**

I have chosen poverty as my real world issue to study during Exhibition. I went to interviews over the past few weeks and some amazing people let me interview them such as Steph O'Malley, a swim coach and teacher. She helped me understand new ideas that I never thought about before such as school kid families not having food for the breaks from school. Another takeaway I had was poverty families not knowing that there is a different way to live. Another person who let me interview him was Tom Lay, director of Habitat for Humanity. His company builds houses for people who can't own one themselves. I learned that owning a house is the first step in order to get out of poverty. Through all of these experiences, I feel as though I can do more now to help stop poverty.



**MICAH O**

Over the past few weeks, I have been going out into the community and interviewing people who are trying to stop poverty. I interviewed Jodi Peterson from Interfaith Sanctuary, who taught me about how they help families in poverty find shelter, and gave me one of my biggest takeaways, that there are many potential causes for homelessness and not just the stereotype of drug or alcohol abuse as a cause. Idaho Youth Soccer director Skylar Bell told me about how low income kids gain access to sports. The teacher and swim coach, Steph O'Malley, told me how low income kids get food when they're out of school. Rosie Reilly of Terry Reilly told me about how low income people get access to healthcare. I hope I can help impact poverty in a positive way.

BALANCED  
REFLECTIVE

# PRIMARY YEARS PROGRAMME EXHIBITION ACTION CHART

Class of 2025

MAY 22, 2018

Conrad Cooper Vishal	Gun Control	Tom Hines, Odin Works, 4-23 @ 8:35 [Jenna]	Officer Phan, Boise Police Department, 4-27 @ 9:30 [Riverstone]	Brenda Beckley, Idaho Fish and Game, 5-1 @ 3:00 [Riverstone]	Molly Maybach, Hunter, 5-1 @ 8:45 [Riverstone]	Officer Wittmuss, Boise Police Department, 5-3 @ 10:00 [Riverstone]
		Emily Walton, Every Town For Gun safety 5- 7@ 1 [Skype]	Rep Wintrow, 5-11 Capitol 2:30 pickup [Meg] for 3:00 interview			
Gavin Raven Brooks Izzie	Human/ Environmental Interaction	Boise River Clean-Up, Idaho Rivers United, 4-21 @ 10:00 [Individual Parents]	David Skinner, US Forest Service, 4-23 @ 2:30 [Riverstone]	Jennifer Skinner, Wholistic Coach, 5-1 @ 10:45 [Riverstone]	Ben Brock, Riverstone International School, 5-8 @ 9:00 [Riverstone]	Mady Rothchild, Animals & Distress Assoc, 5-11 @ 1:30 [Riverstone]
		Monica Pittman, Perigrine Fund 5-4 @ 12:30 [Cloyed]				
Micah Vaughn	Poverty/Financial Access	Tom Lay, Habitat for Humanity, 5-2 @ 1:30 [Riverstone]	Rosie Reilly, Terry Reilly Health Services, 4-30 @ 2:00 [Riverstone]	Teresa Wood-Adams, YMCA, 5-2 @ 8:30 [Riverstone]	Peg Richards Boise/Ada County Homeless Coalition 5-3 @ 12:30 [Patrick]	Jodi Pederson, Interfaith Sanctuary, 5-4 @ 1:00 [Patrick]
Ian Molly Macy	Equality	Rachel Pusch, Riverstone International School, 4-26 @ 9:00 [Riverstone]	Andrea Kuenzli, Riverstone International School, 5-3 @ 1:30 [Riverstone]	Kevin Berner, Riverstone International School, 4-27 @ 11:30 [Riverstone]	Rep. Ilana Rubel, Idaho Legislature, 4-30 @ 2:00 [Riverstone]	Anselme Sadiki, Children's Home Society, 5-2 @ 12:30 [Ted]
		Israel Catz, Lee Pesky Learning Center, 5-1 @ 2:00 [Kari]	Melissa Wintrow, Idaho Legislature, 5-11 pick up @ 2:00 [Ted] interview @ 2:30	Phillip Thompson, IBHM 5-4 @ 2:00 interview at 2:30 [Leslie]	Alison Steven, Idaho Commission for the Blind 5-9 @8:30 (interview @ 9) [Kari]	
Griffin Sean Shoki	Bullying	Detective Phan, Boise Police Department, 4-27 @ 8:45 [Riverstone]	Rep. Ilana Rubel, Idaho Legislature, 4-30 @ 2:30 [Riverstone]	Andrea Kuenzli, 5-2 @10:40 [Riverstone]	Andew Fletcher 5-3 @ 9:30 [Riverstone]	Mark Nielsen 5-7 @ 2:30 [Riverstone]
Sophia Presley Lily	Domestic Animal Care	Gail Sienbenaler, Simply Cats, 4-24 @ 2:00 [Amy]	Dr. Reed Linenberger, Habitat Boise, 4-26 @ 10:00 [Tabatha]	Kristine; Idaho Humane Society 5-1 @3:30 [Rachel]	Lauren St. Claire, West Vet, 4-30 @ 11:00 [Marshall]	Officer Nickerson, 5-3 @ 1:30
		Jamie Hubbell, Remembering Ruby Rabbit Rescue, 5-2 @ 2:00 [Tabatha]				
Ella Hailey Sergey	Hunger	Anita Bokan, St. John's Food Bank, 4-27 @ 10:15 [Tricia]	Pete Pearson, World Wildlife Fund, 4-30 @ 9:00 [FaceTime]	Cindy Todeschi, Cathedral of the Rockies, 5-8 @ 12:30 [Tricia]	Julie D'Agostino, Rolling Tomato, 5-2 @ 9:00 [Riverstone]	Even Stevens 4-30 @11:00 [Tricia]
		Jon Pederson, Riverstone International School. 5-2 @ 12:20 [Riverstone]	Tracy Hitchcock, Create Common Good 5-9 8:30 [Tricia?] interview @ 9	Volunteering @ St Johns Food Bank 5-7 @12:35 [Tricia]		
Hadley Finn Sina Dirck	Habitat Loss/ Climate Change	Boise River Clean-Up, Idaho Rivers United, 4-21 @ 10:00 [Individual Parents]	Heather Dermott, Activisit, 4-27 @ 8:35 [Riverstone]	Greg Servheen @Idaho Fish & Game 4-30 @ 12:30{Heather}	Ben Brock, Riverstone International School, 5-8 @ 9:00 [Riverstone]	Laurel Coleman, Gr. 11 Student, Riverstone International School, 5-1 @ 1:30 [Riverstone]
		Heather Dermott, eco software 5-3 @ 1:35ish [Riverstone]	Casey Mattoon, Sierra Club 5-4 @ 12:30 [Anke]	Boise Aquarium, 5-8 @ 1:30 pick up for a 2PM interview [Anke]		